

Fig 1

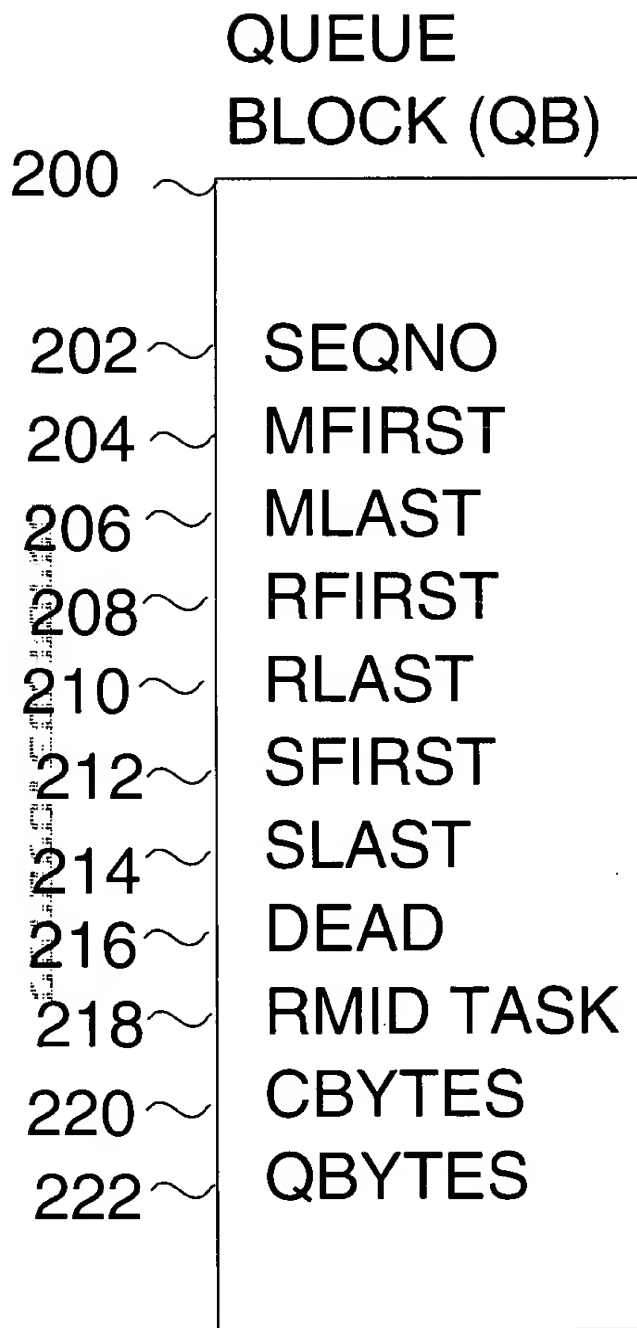


Fig 2

MESSAGE

QUEUE

BLOCK (MSQB)  300

301	~	Q-ID
302	~	NEXT
304	~	DEADNEXT
310	~	STATE
312	~	S.PLO
314	~	S.TASKTERM
316	~	S.EIDRM
318	~	S.SIGNAL
320	~	S.E2BIG
322	~	S.PAIRED
324	~	S.GOTDS
326	~	ANCHOR
328	~	USECNTFLG
330	~	PAIR
332	~	MSGPTR
334	~	TOBEFREED

Fig 3

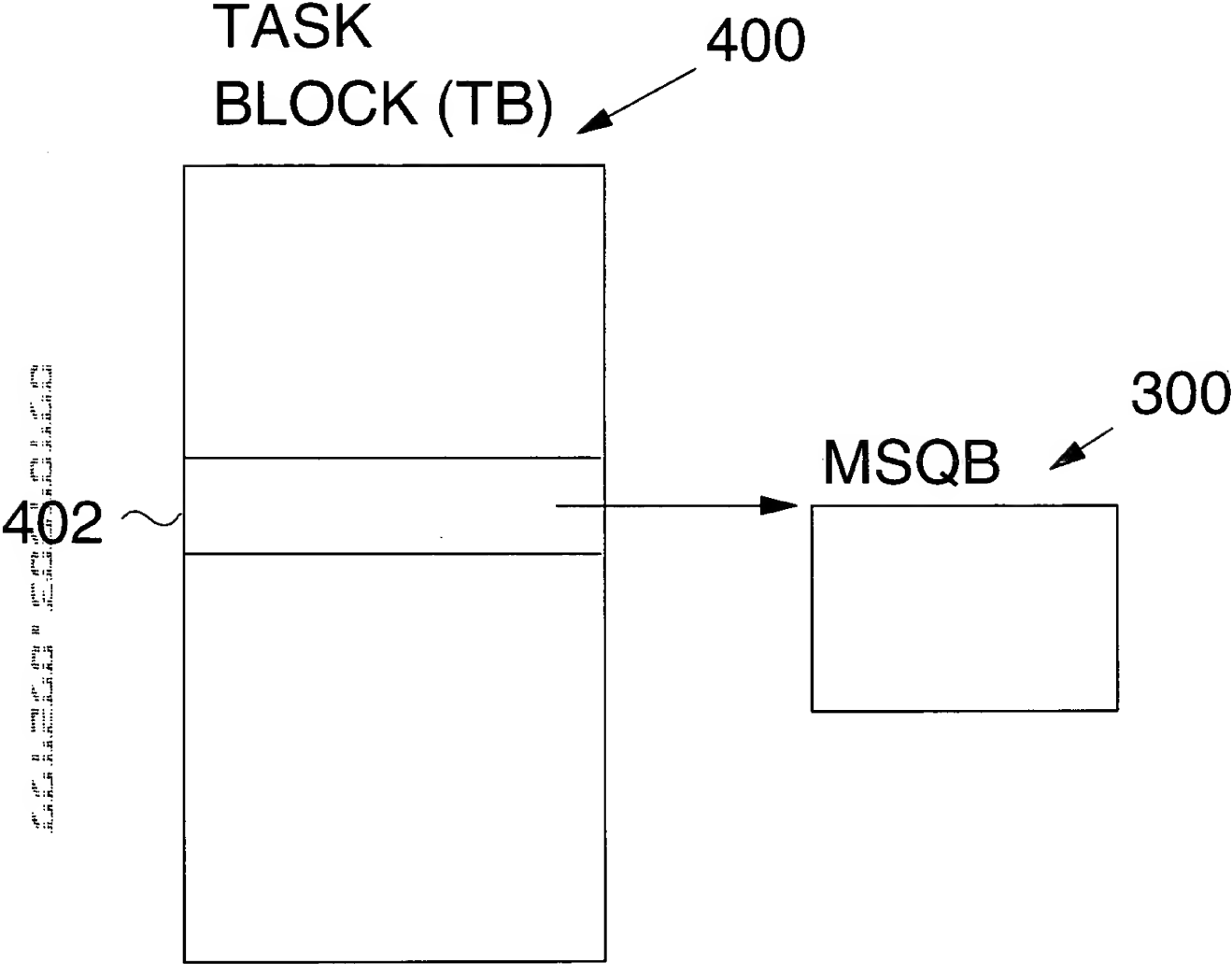


Fig 4

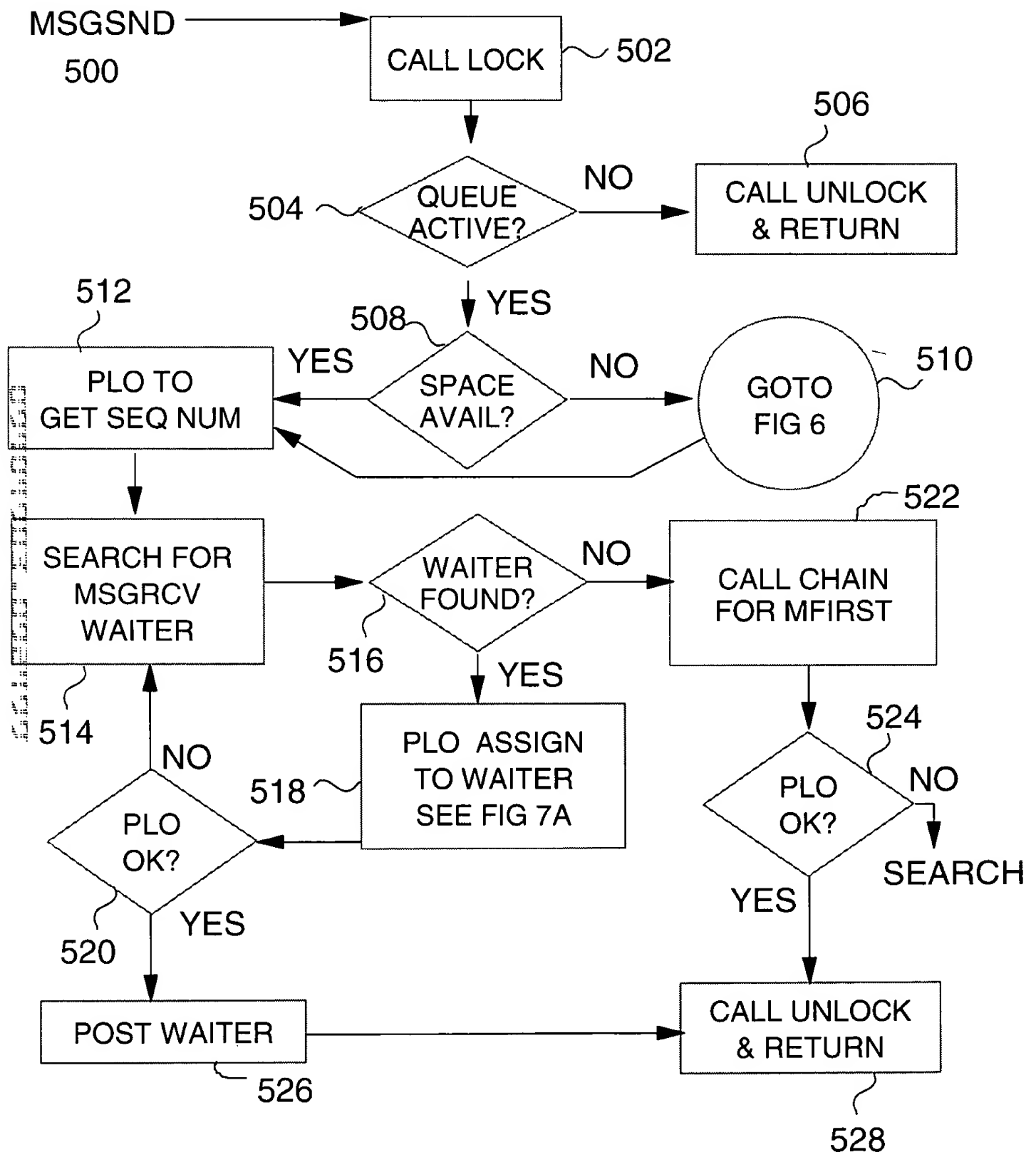


Fig 5

MSGSEND NO SPACE AVAILABLE

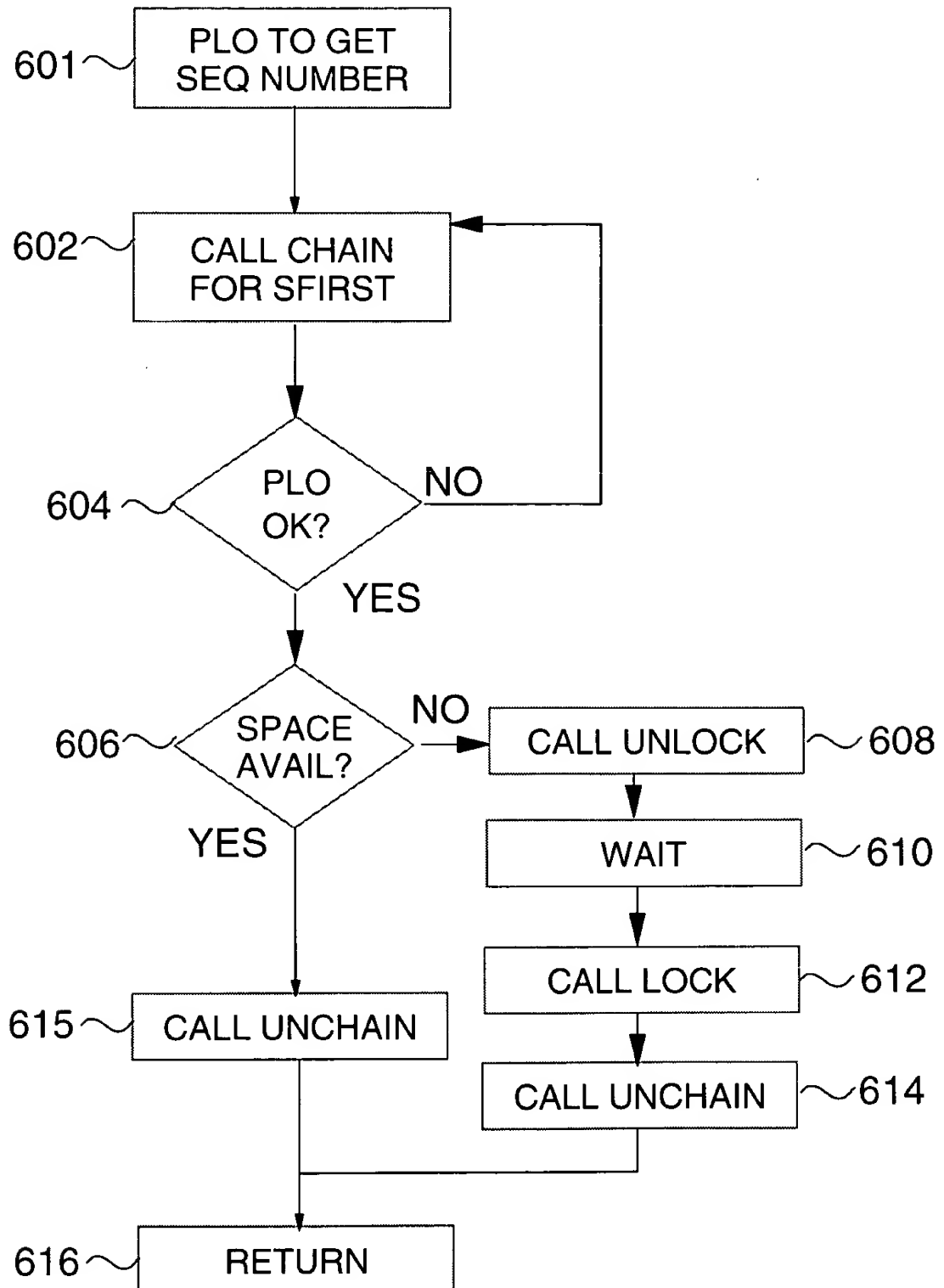


Fig 6

PLO ASSIGN MESSAGE TO WAITER - BEFORE

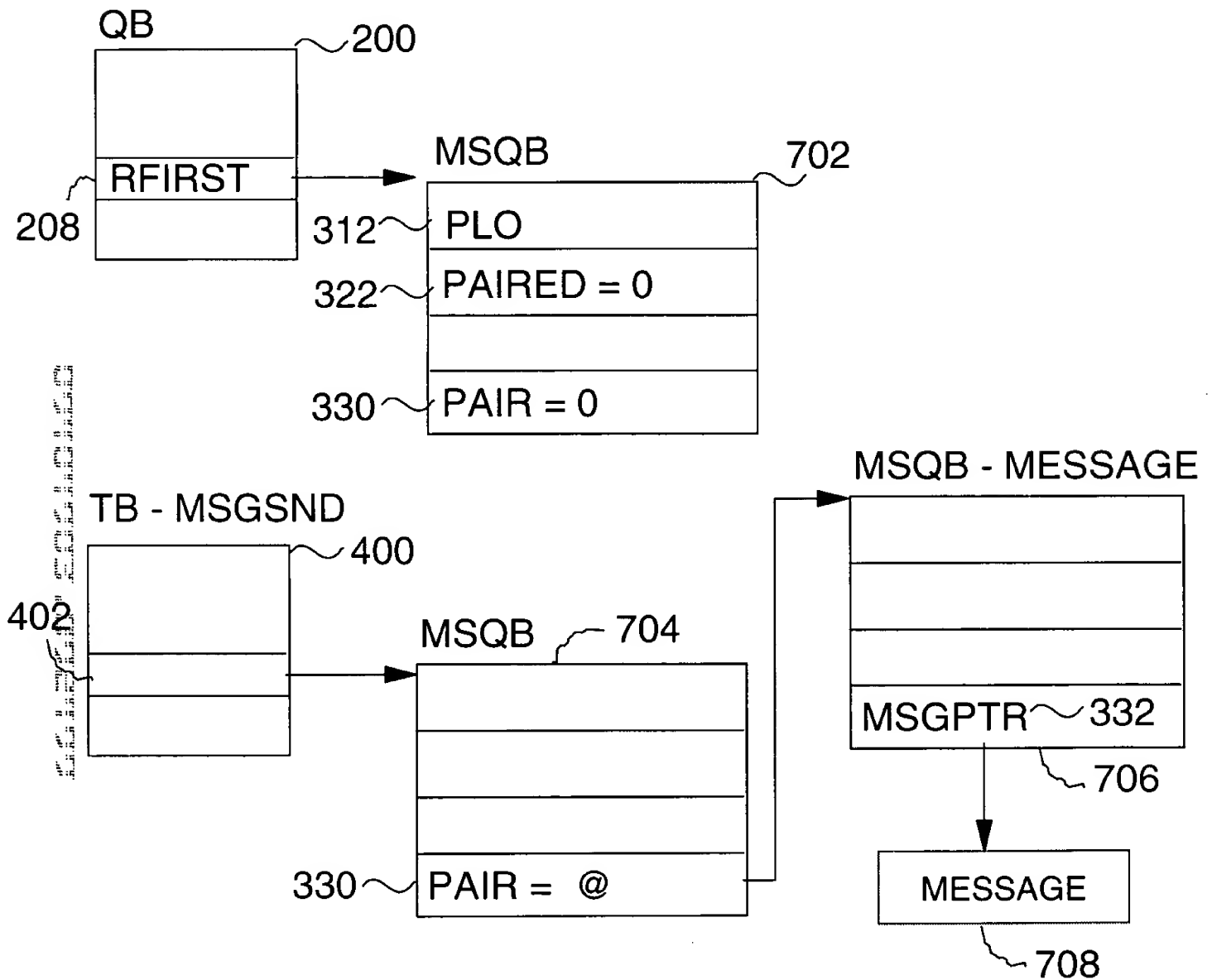


Fig 7A

PLO ASSIGN MESSAGE TO WAITER - AFTER

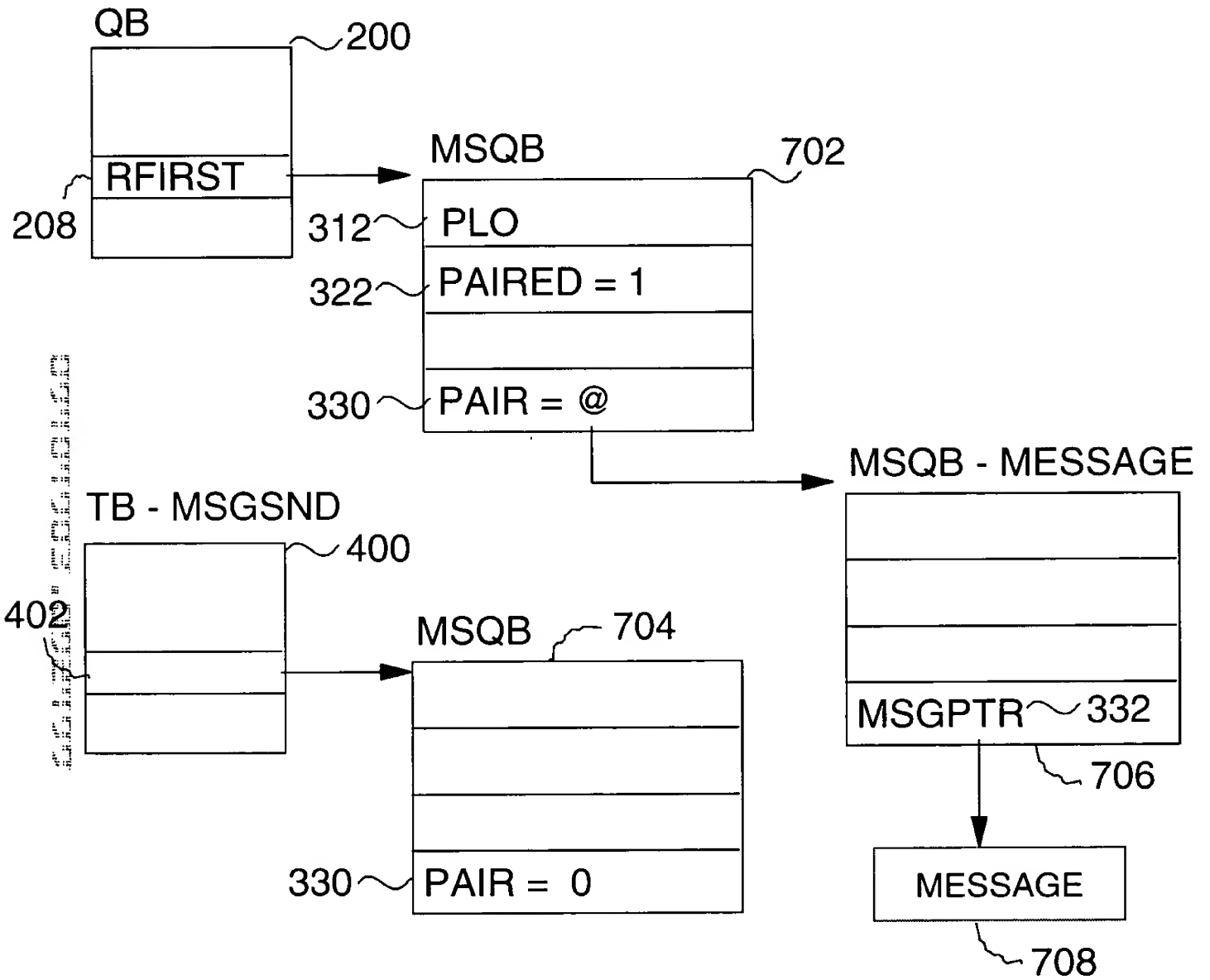


Fig 7B

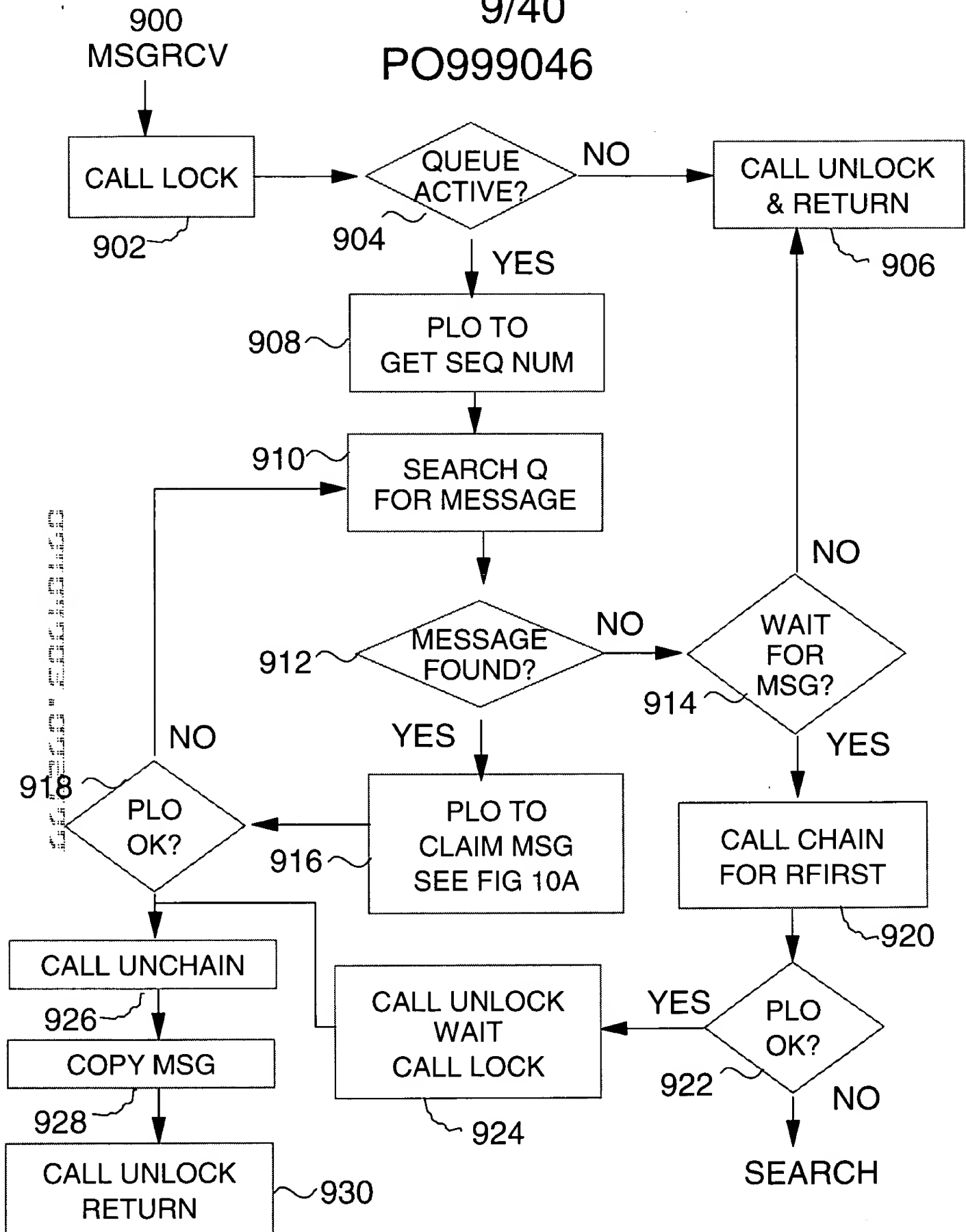


Fig 9

PLO TO ASSIGN MESSAGE TO CALLER - BEFORE

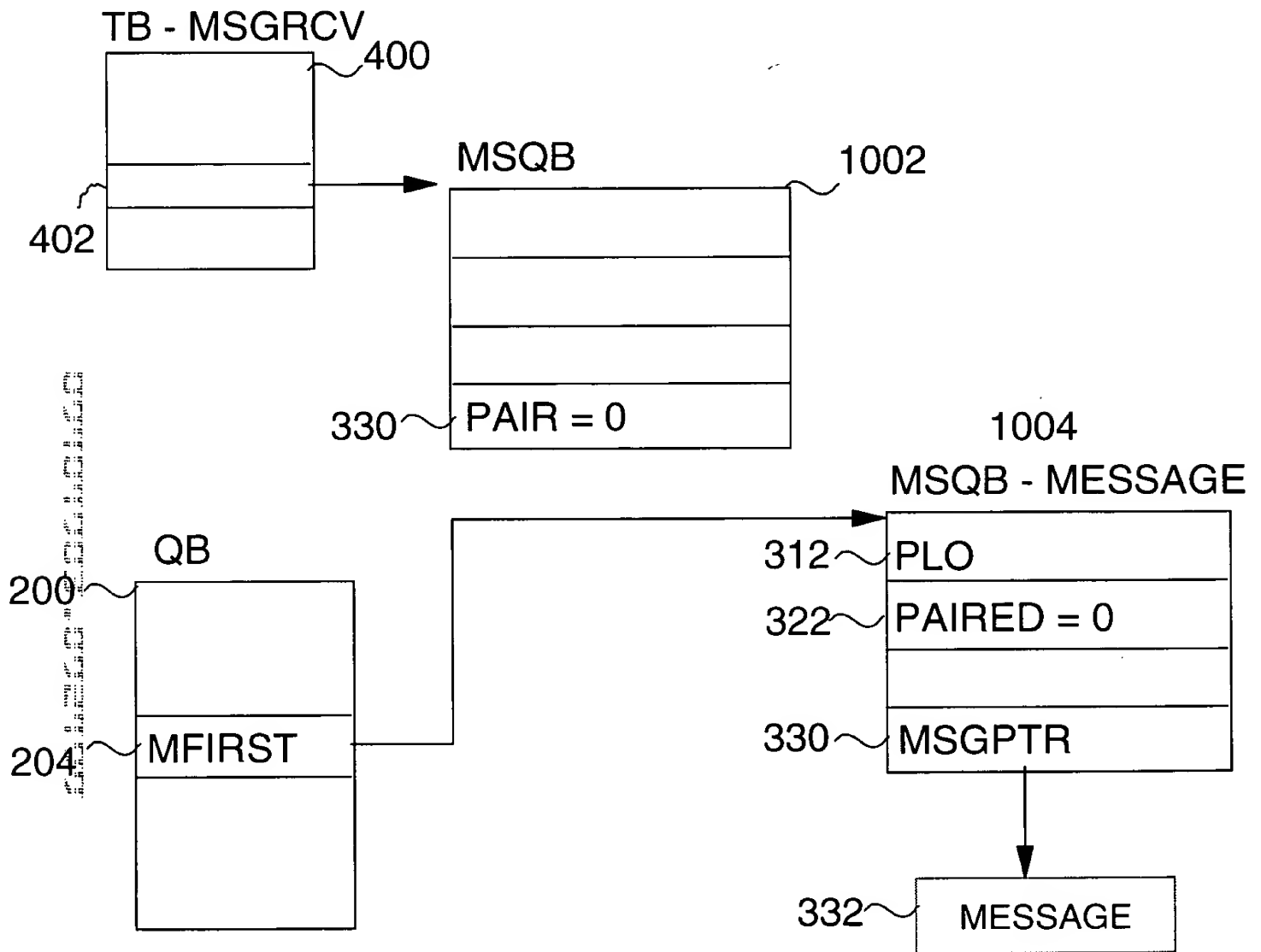


Fig 10A

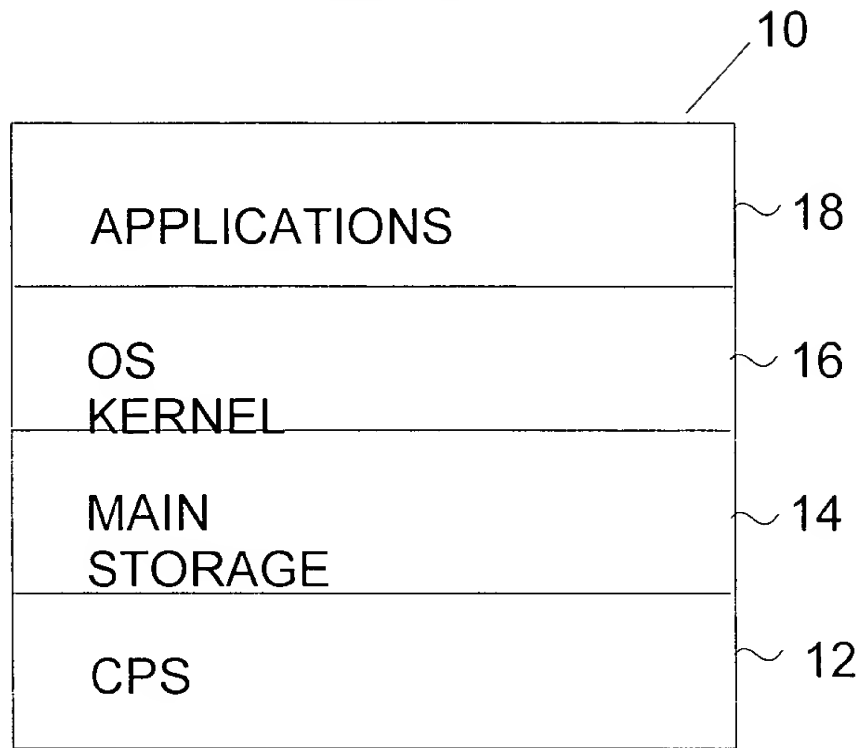


Fig 11

PLO TO ASSIGN MESSAGE TO CALLER - AFTER

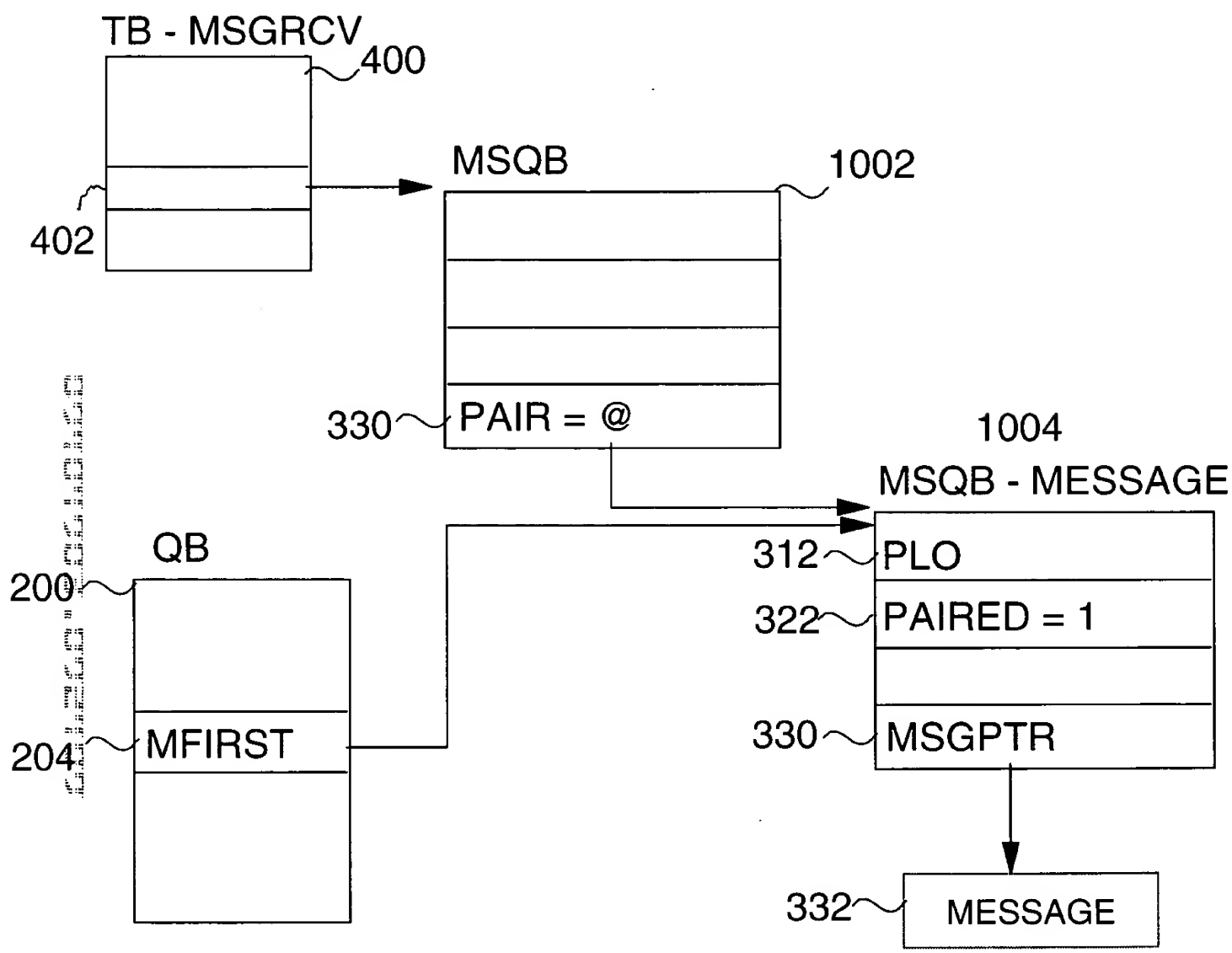


Fig 10B

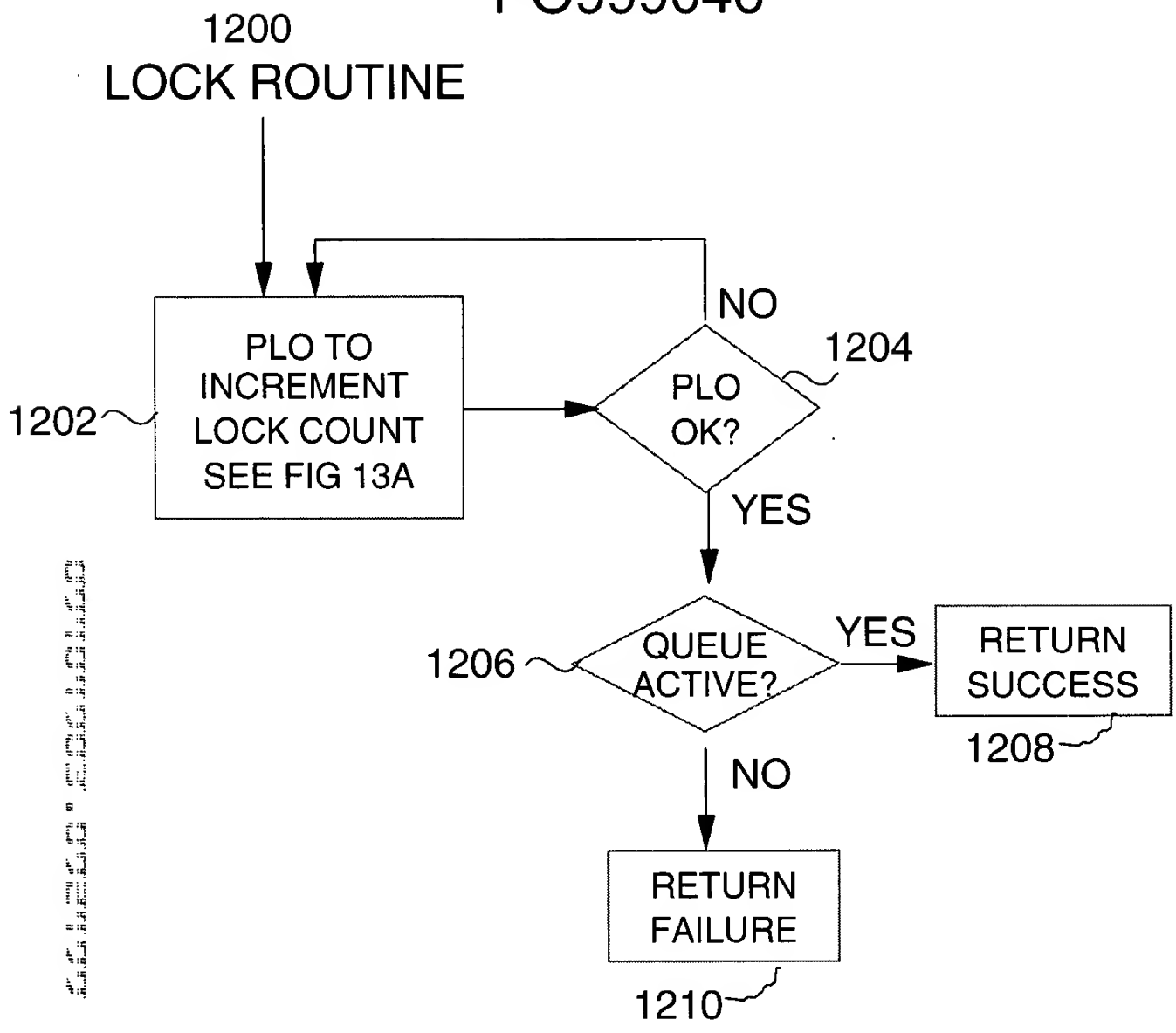


Fig 12

LOCK PLO STATE - BEFORE

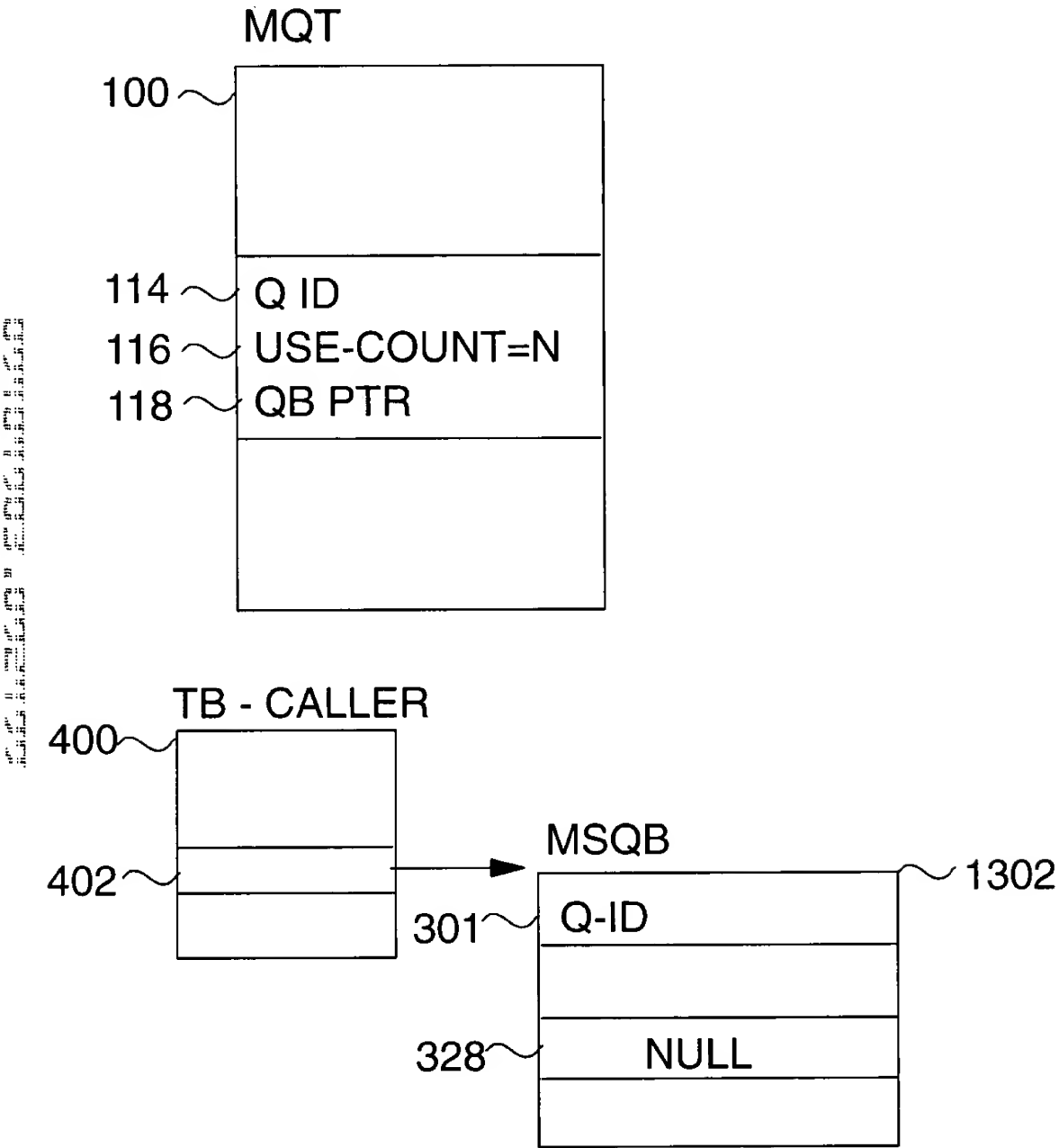


Fig 13A

LOCK PLO STATE - AFTER

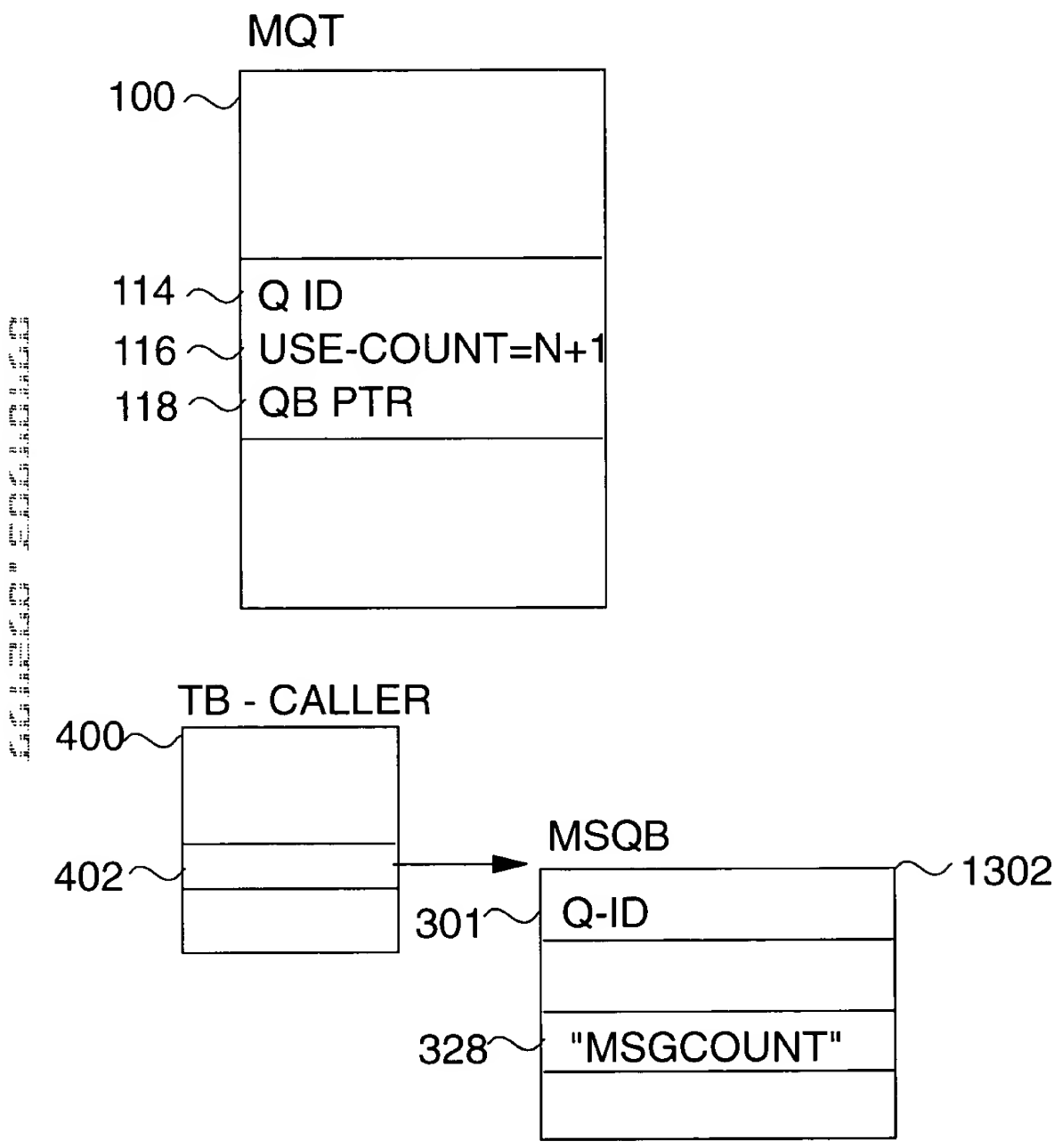


Fig 13B

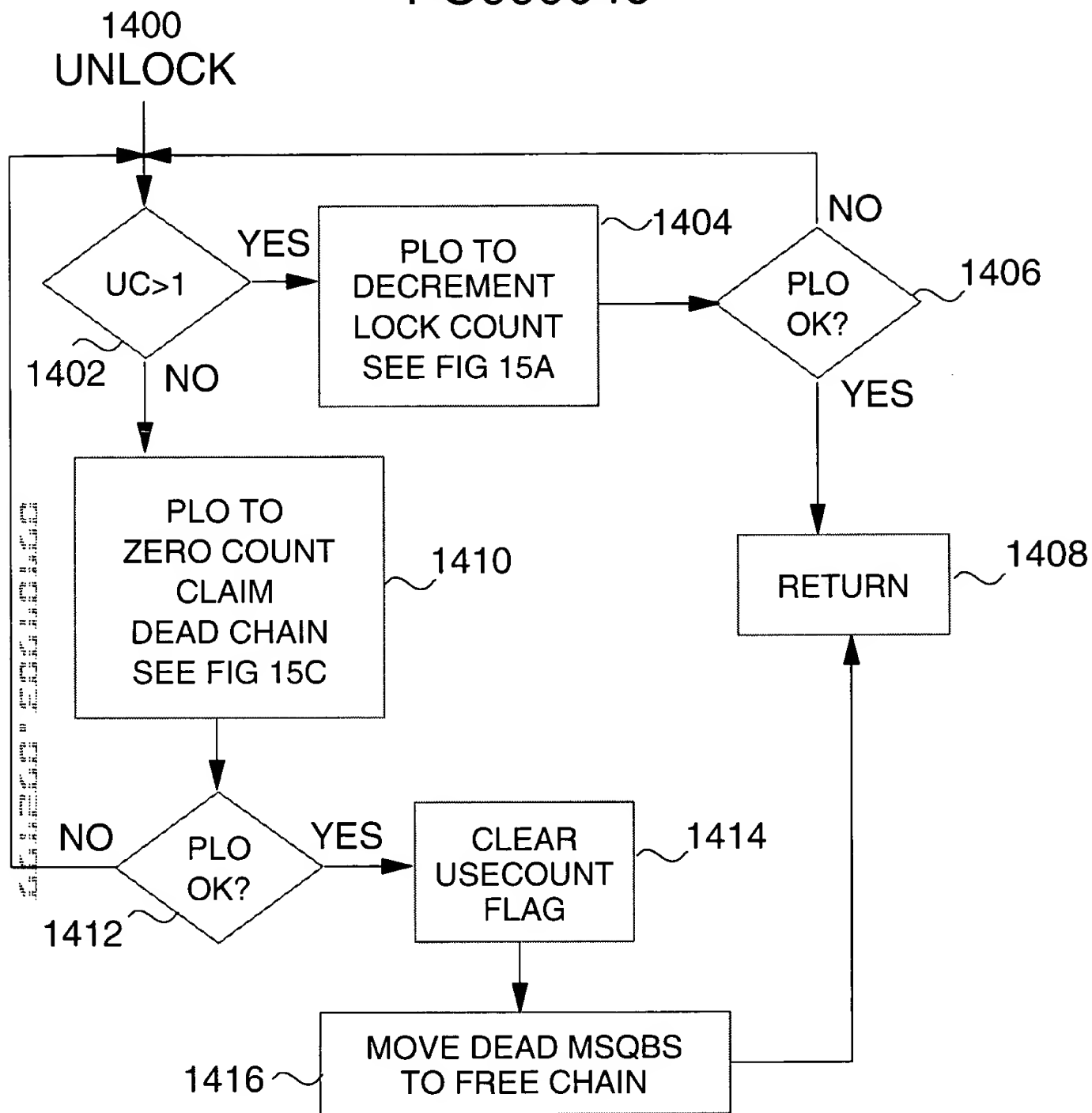


Fig 14

UNLOCK PLO COUNT > 1 - BEFORE

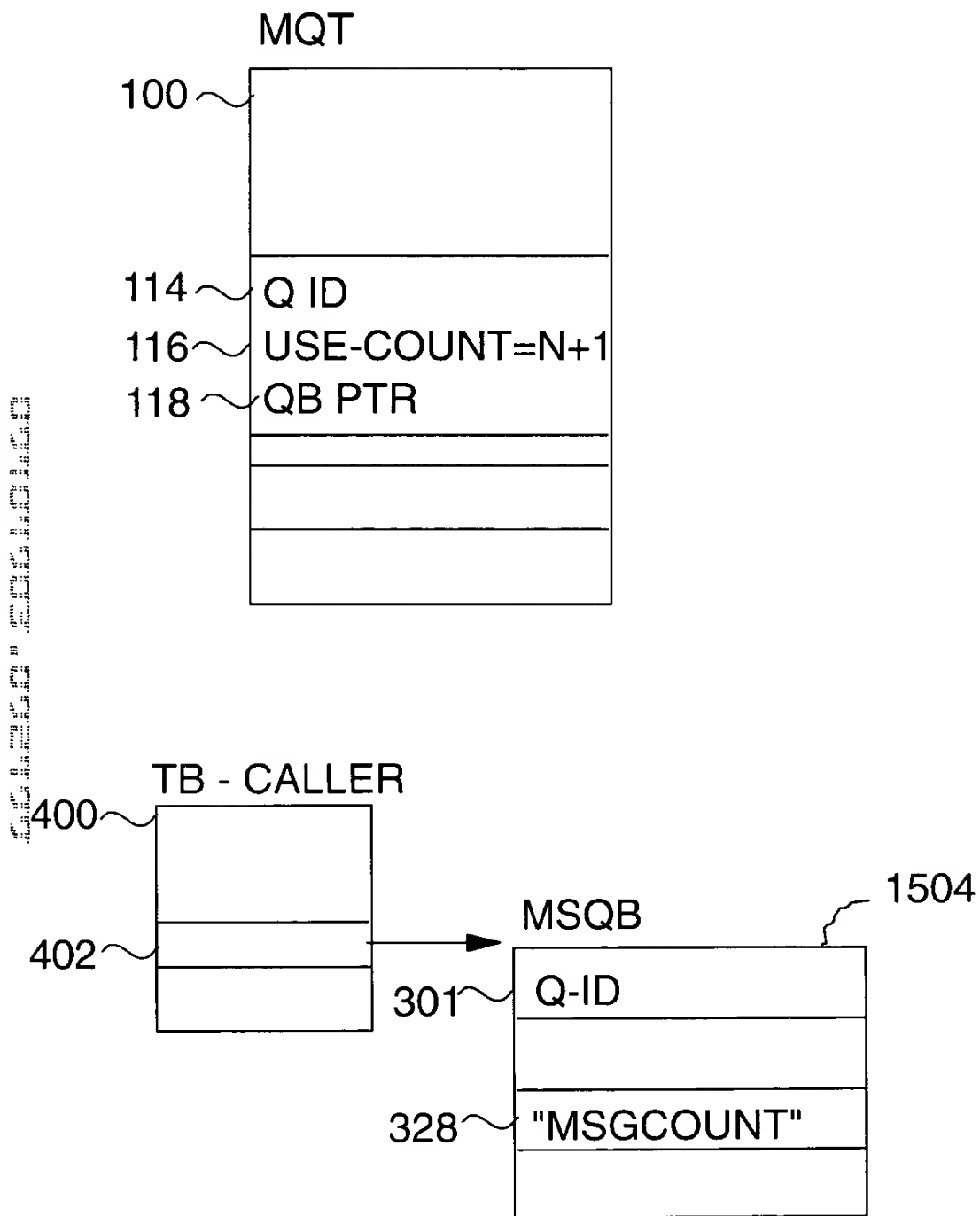


Fig 15A

UNLOCK PLO CNT > 1 - AFTER

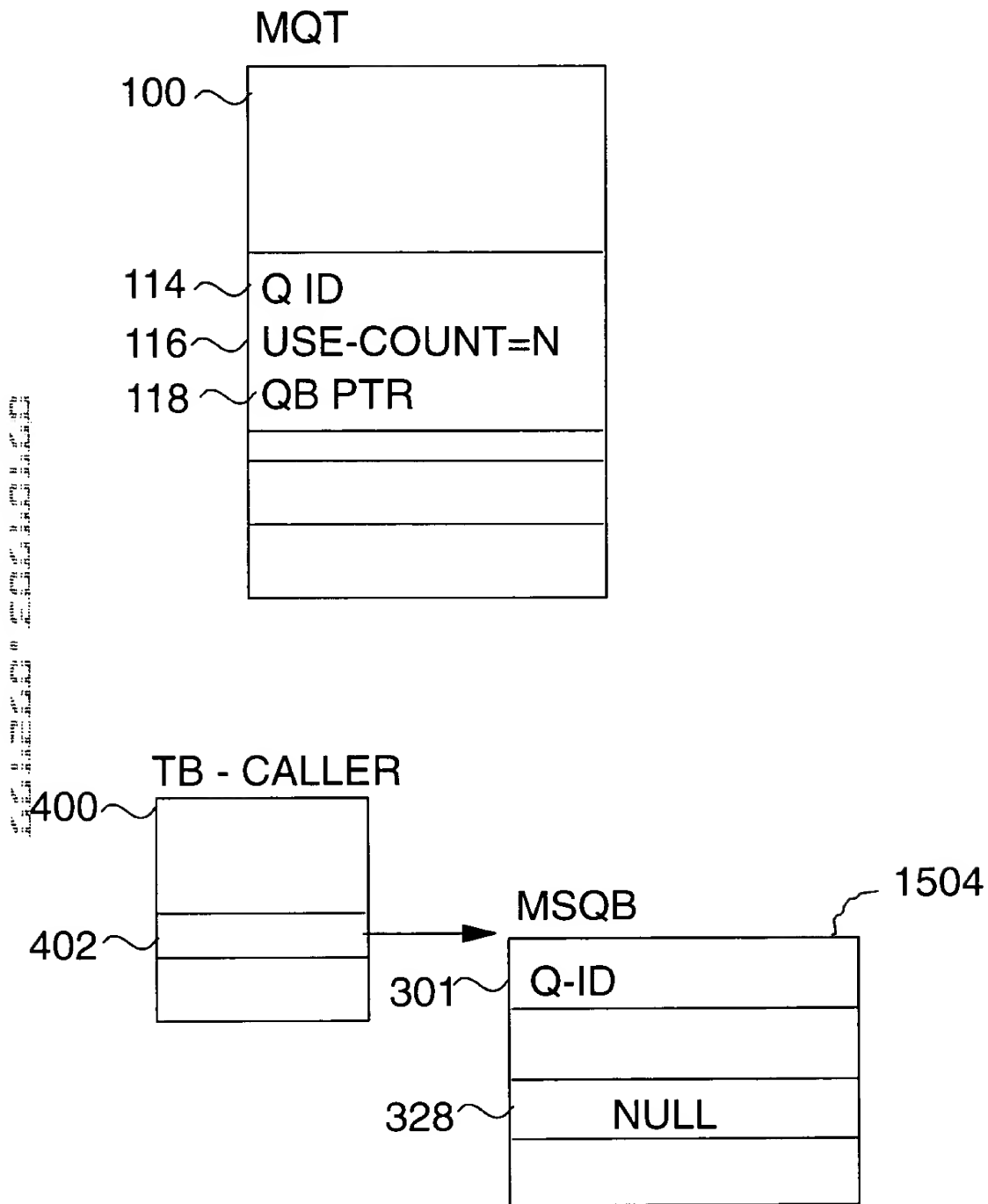


Fig 15B

UNLOCK PLO COUNT = 1 - BEFORE

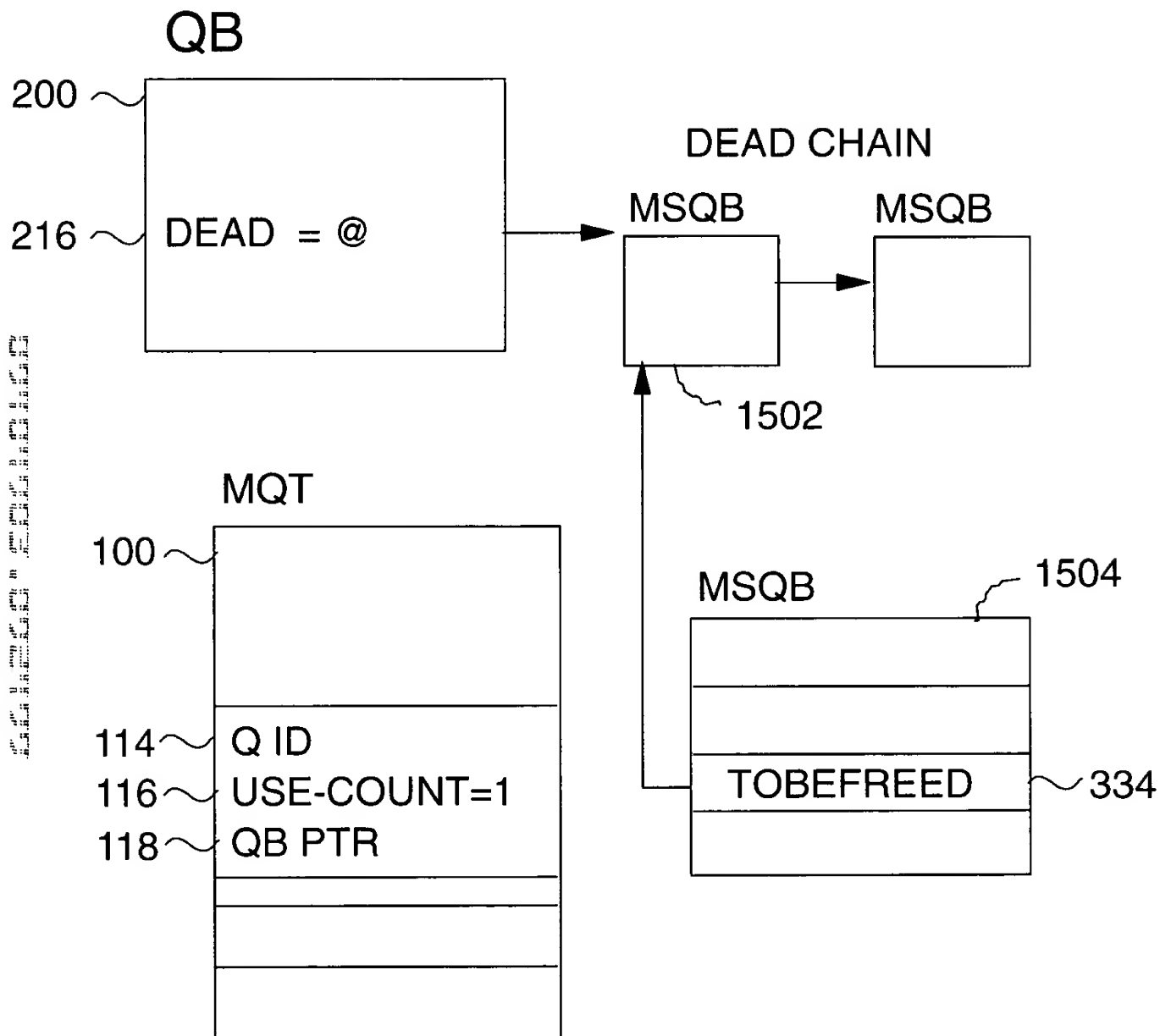


Fig 15C

UNLOCK PLO COUNT = 1 - AFTER

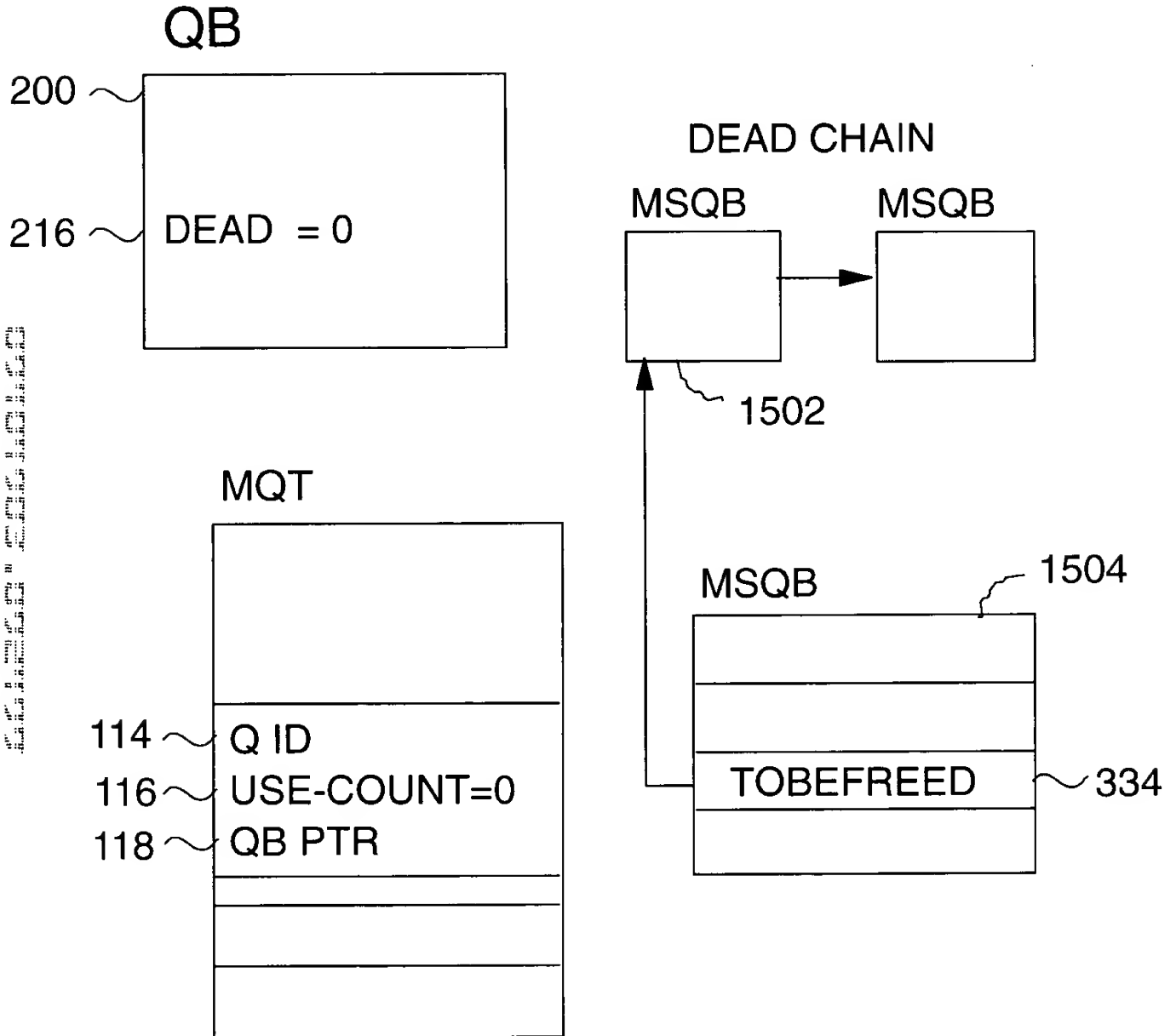


Fig 15D

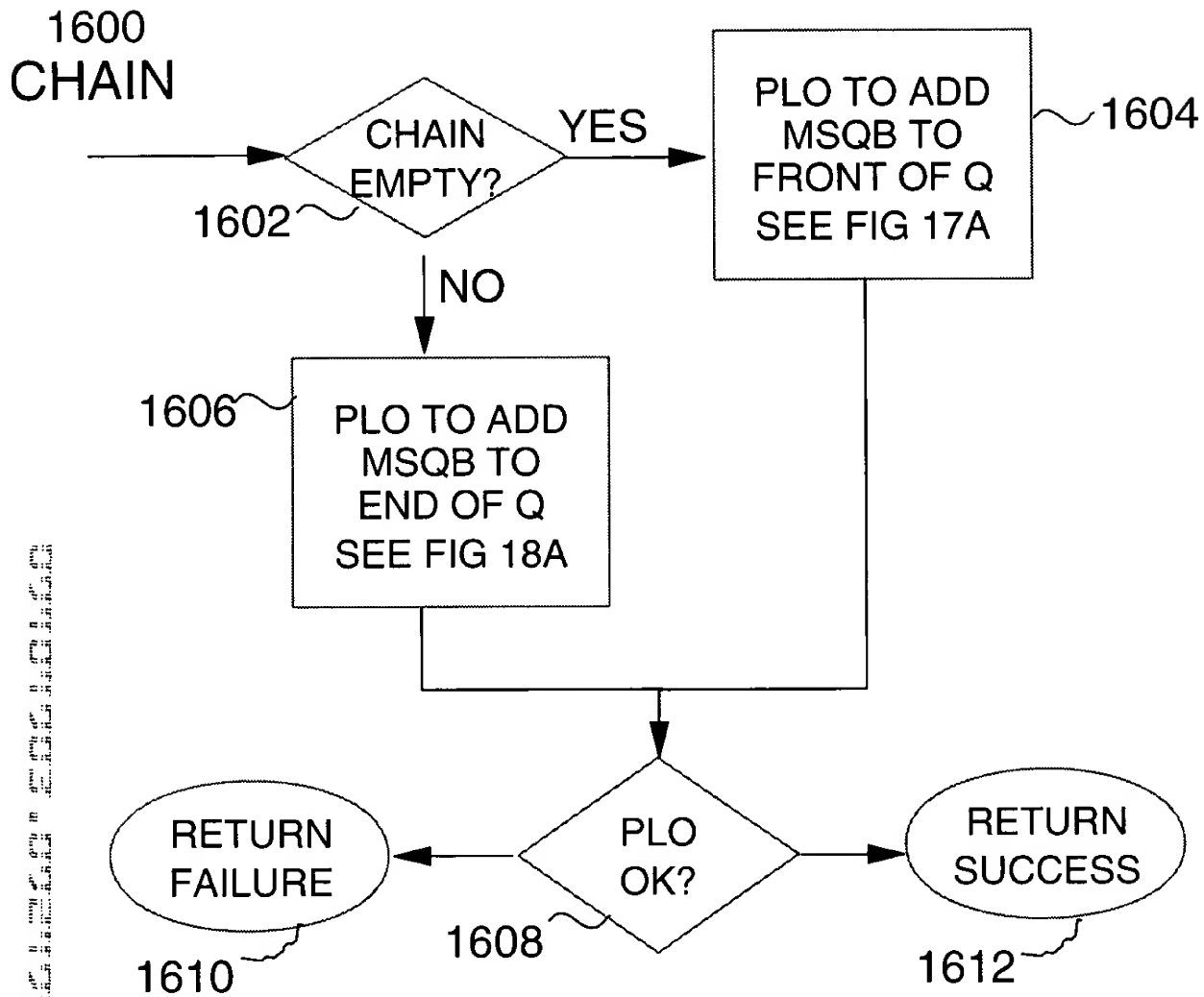


Fig 16

PLO CHAIN TO FRONT - BEFORE

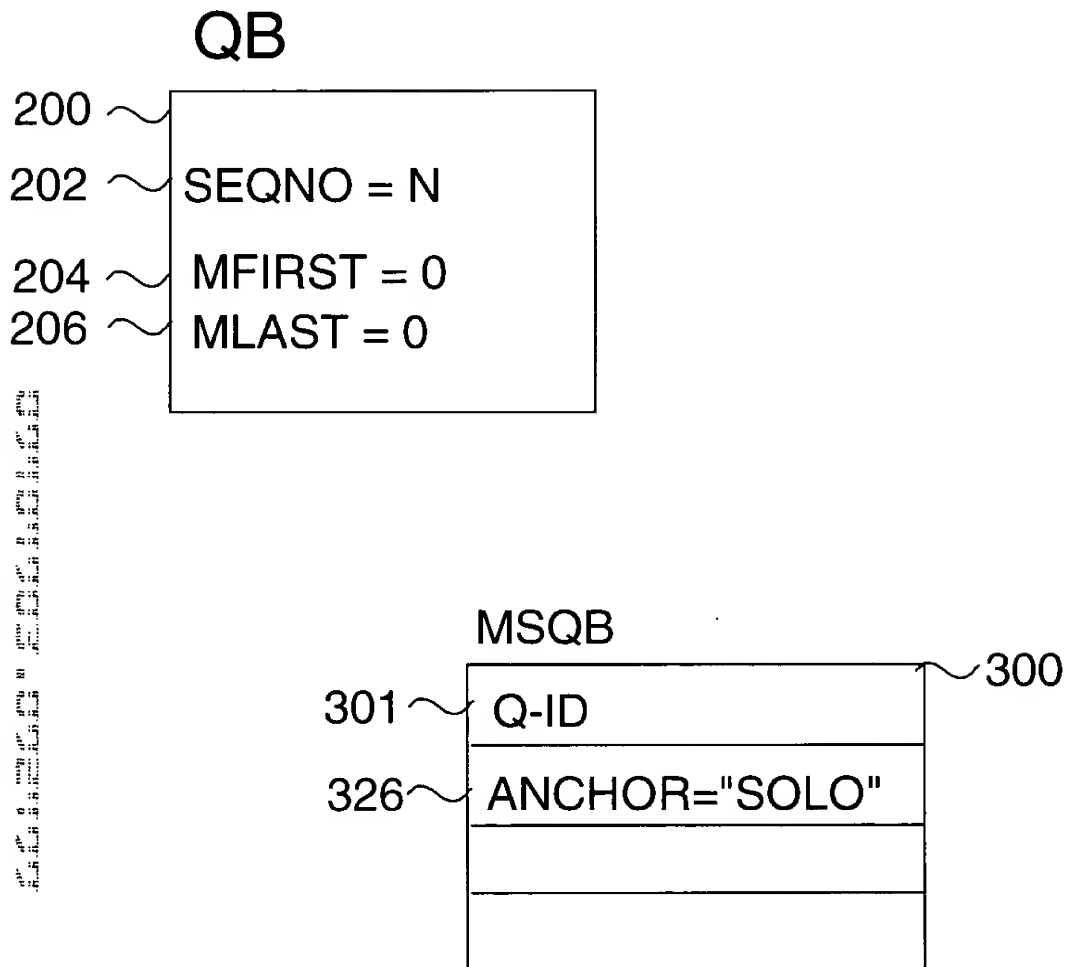


Fig 17A

PLO CHAIN TO FRONT - AFTER

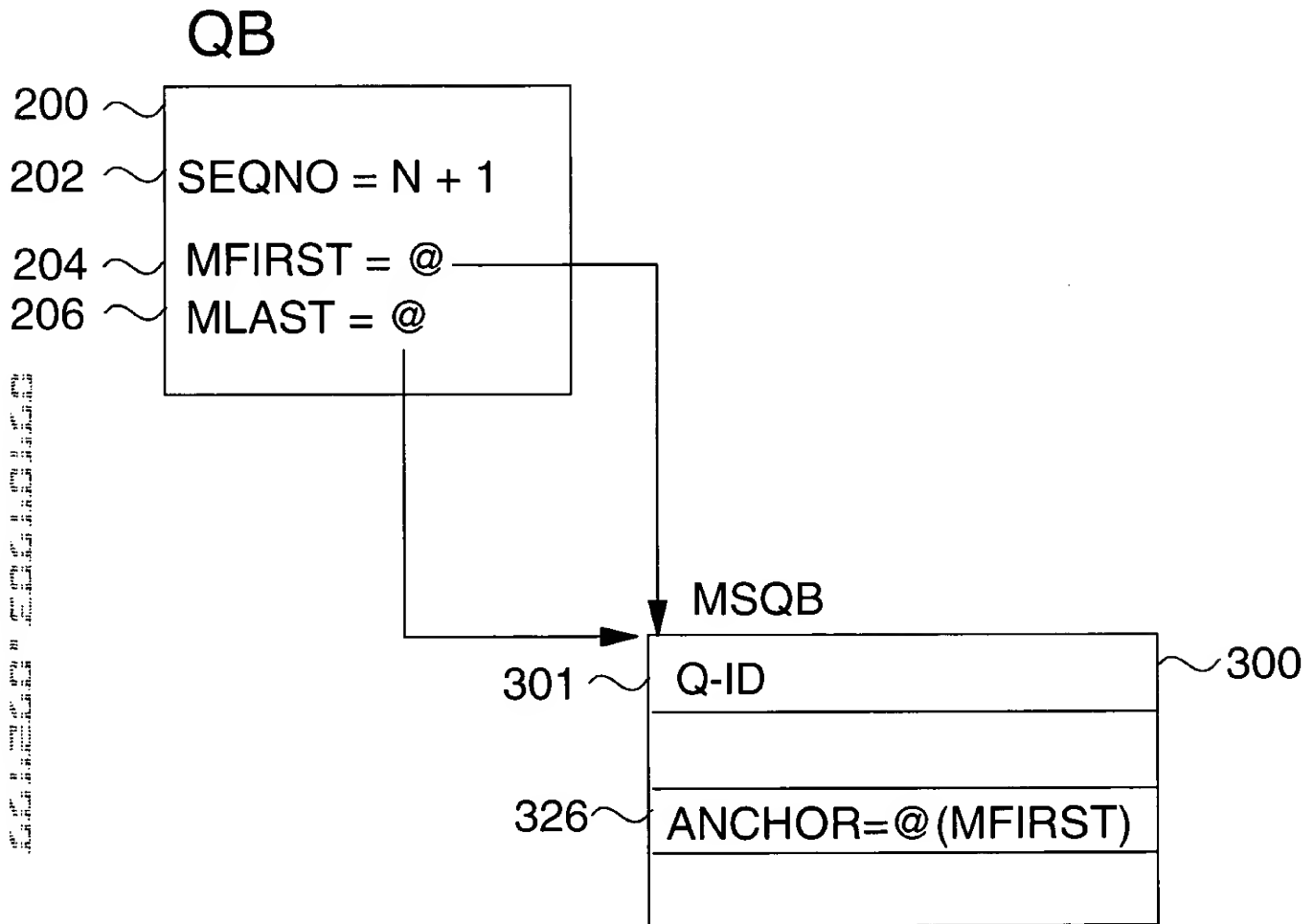


Fig 17B

PLO CHAIN TO END - BEFORE

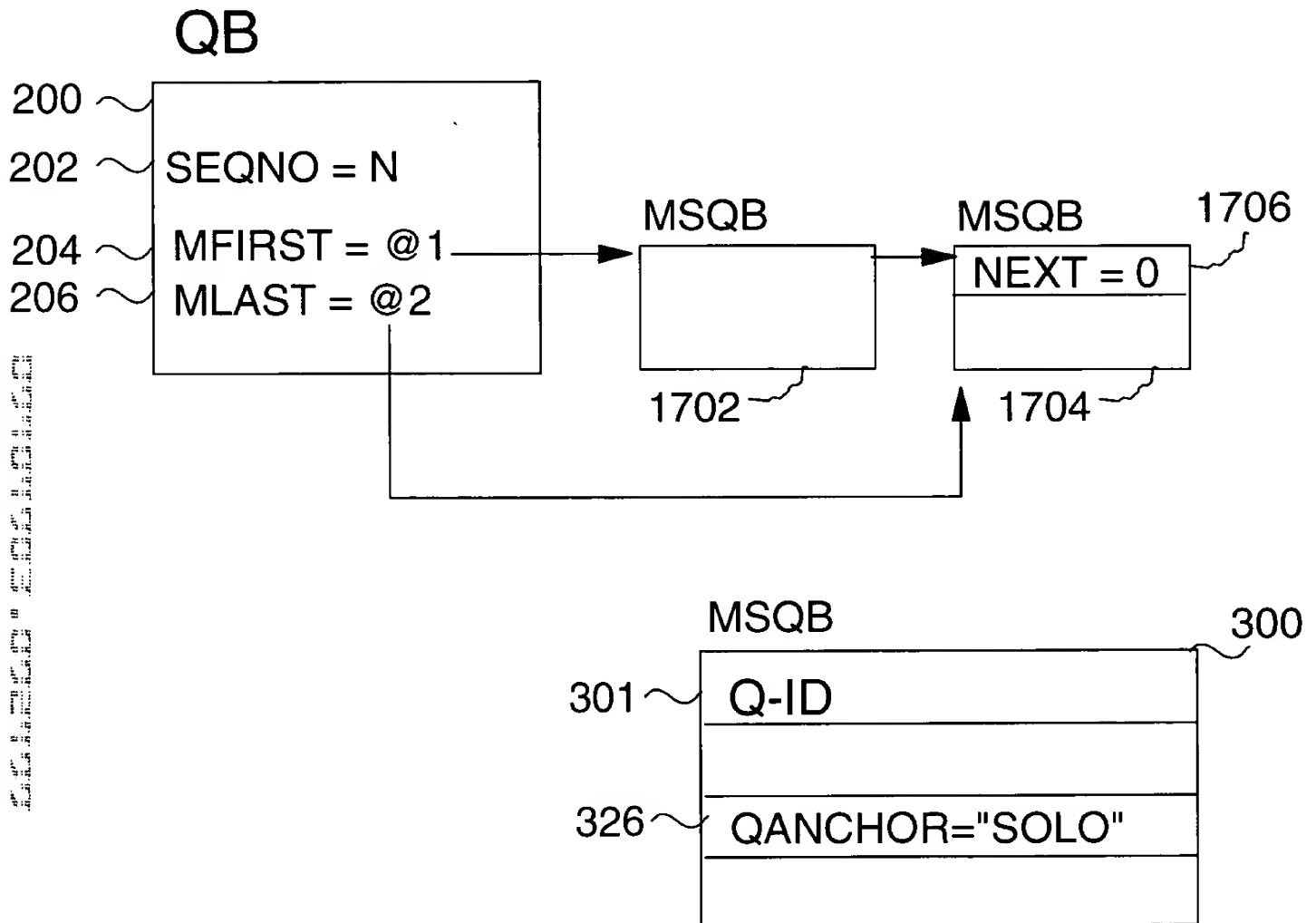


Fig 17C

PLO CHAIN TO END - AFTER

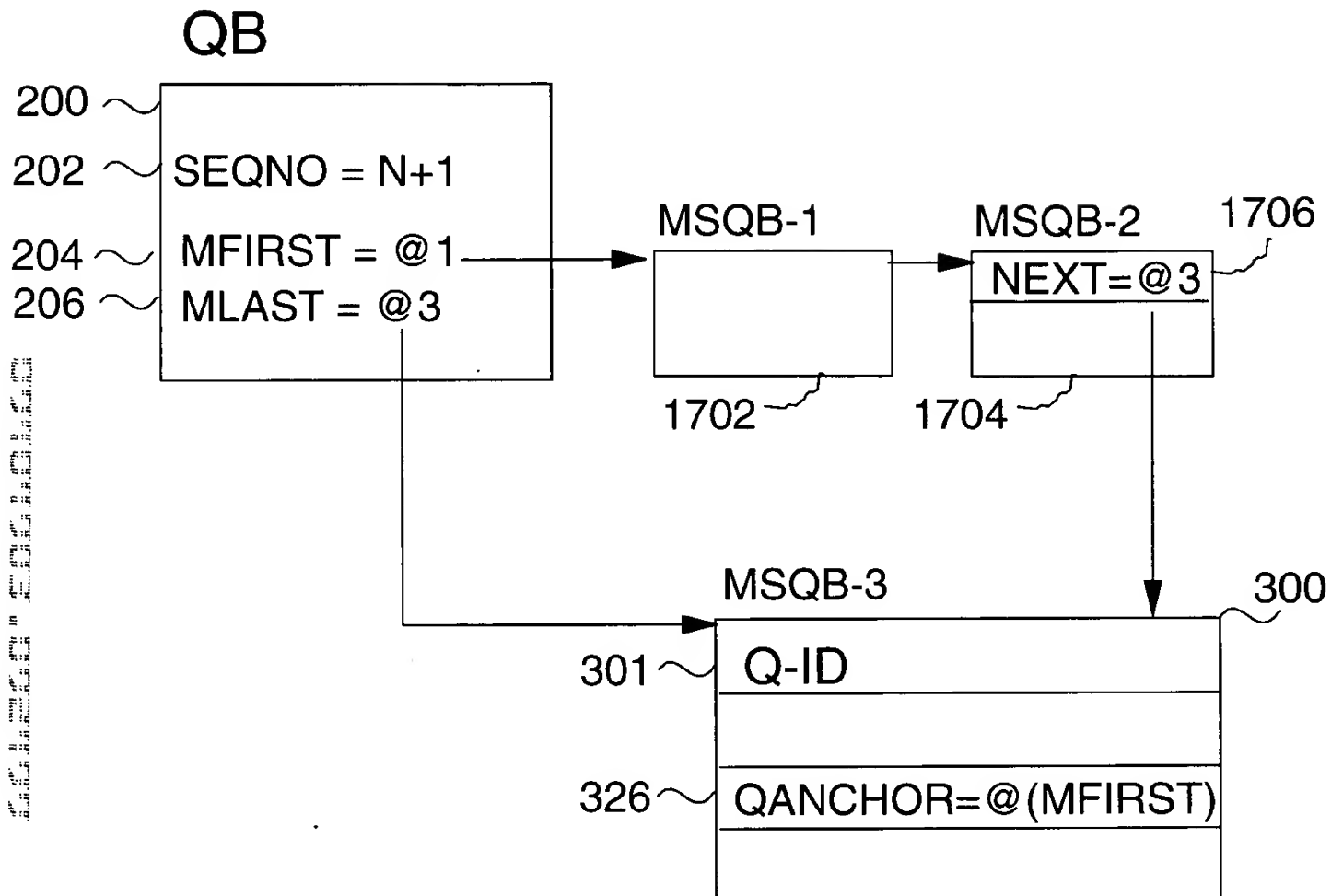


Fig 17D

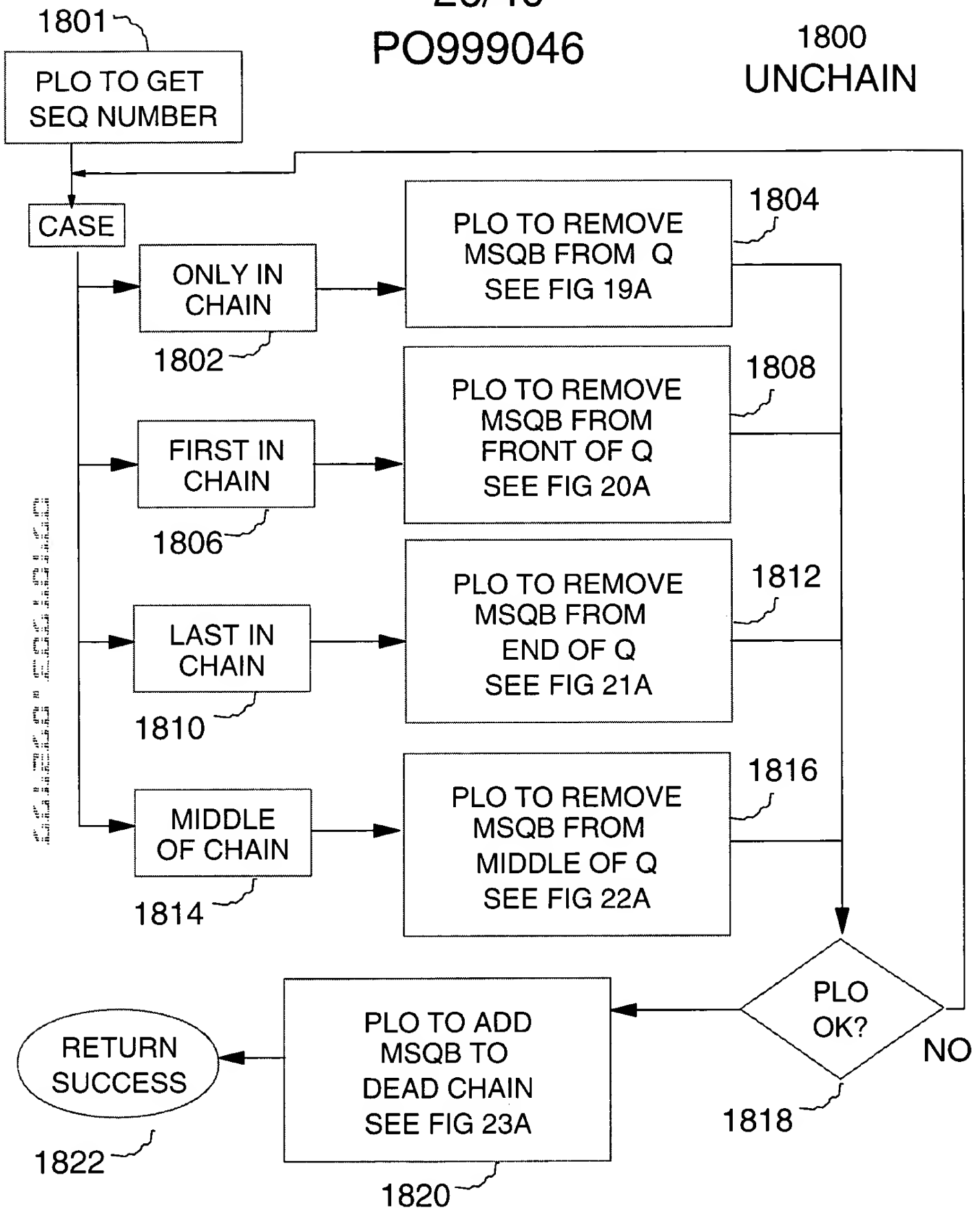


Fig 18

PLO UNCHAIN ONLY ELEMENT - BEFORE

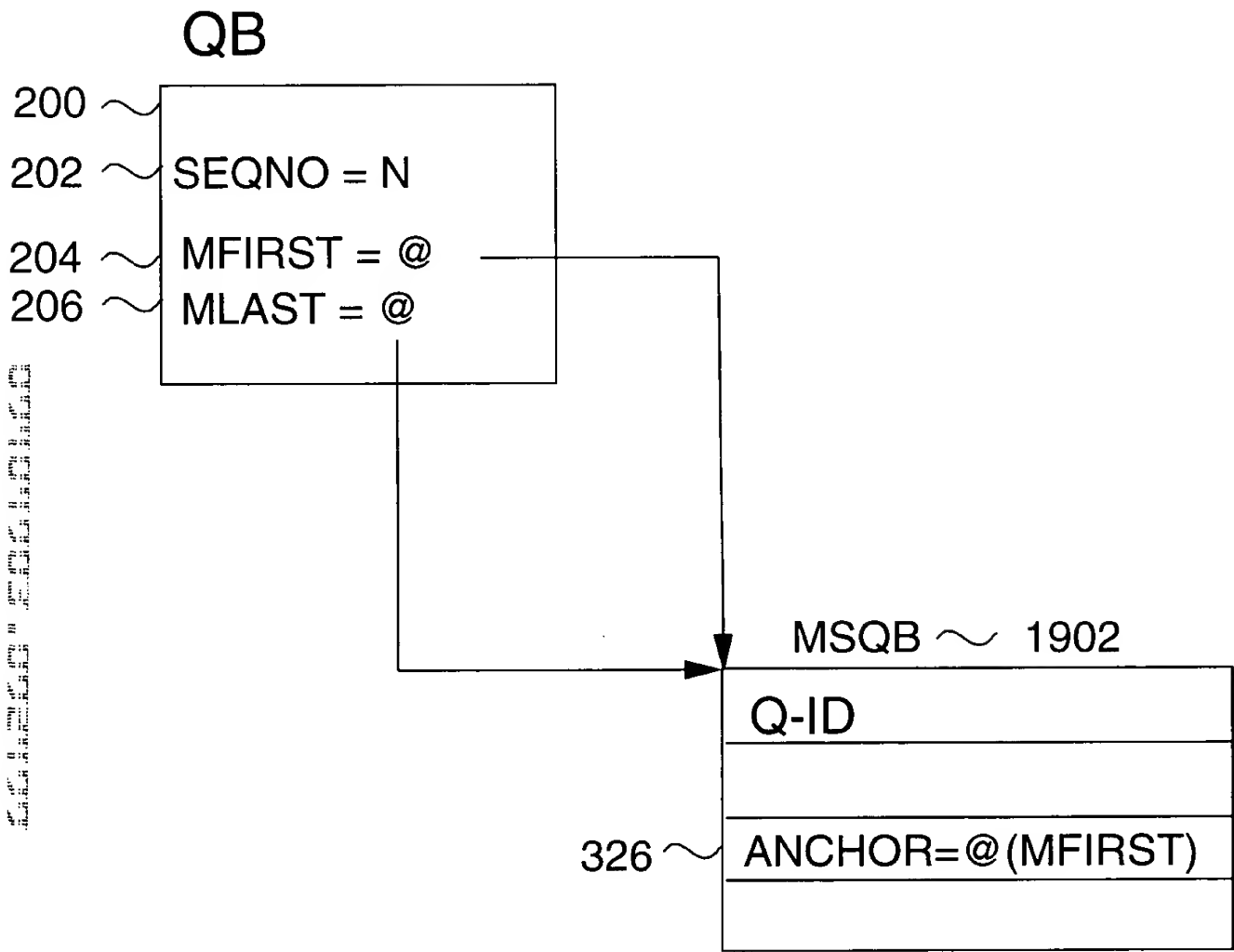


Fig 19A

PLO UNCHAIN ONLY ELEMENT - AFTER

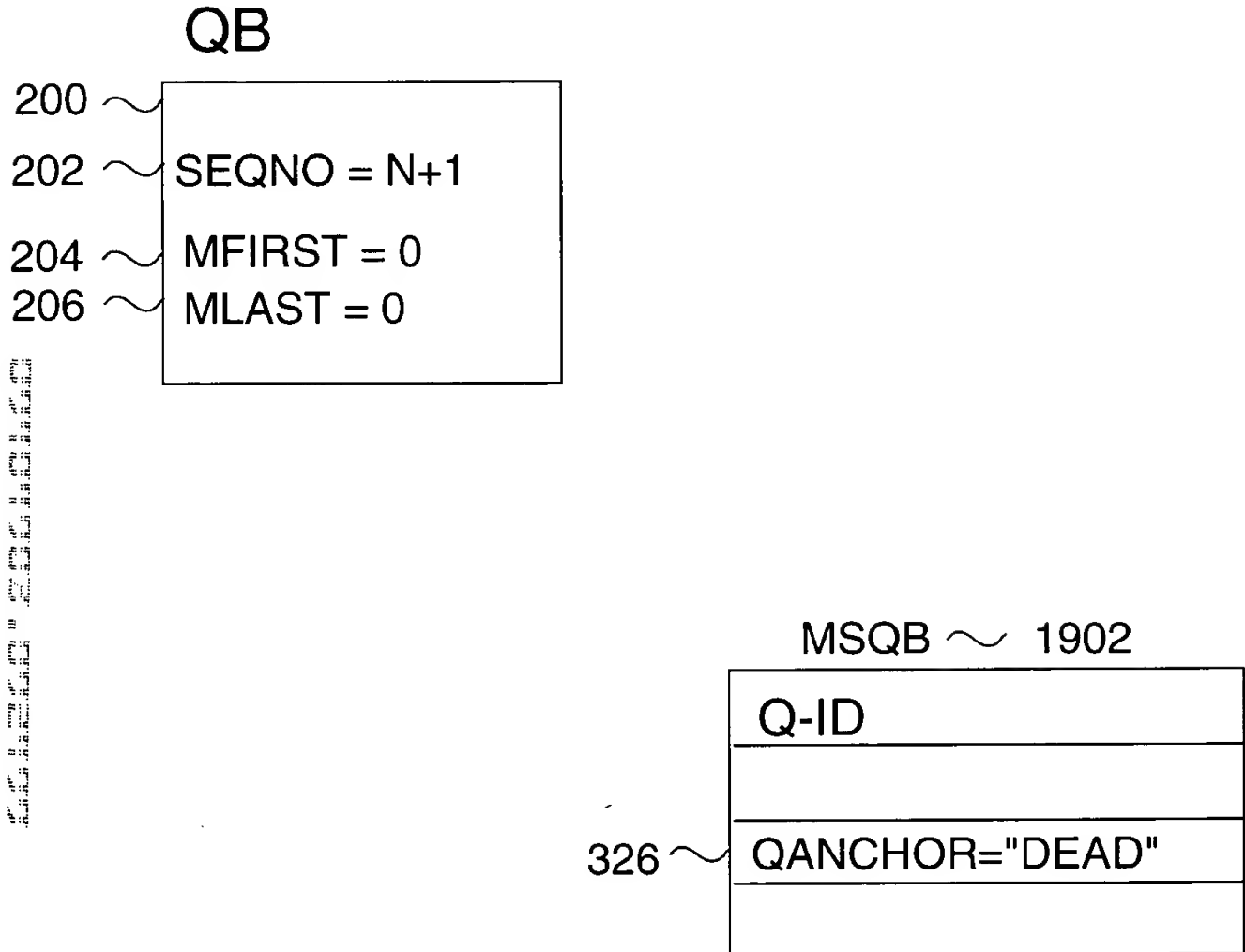


Fig 19B

PLO UNCHAIN FIRST ELEMENT - BEFORE

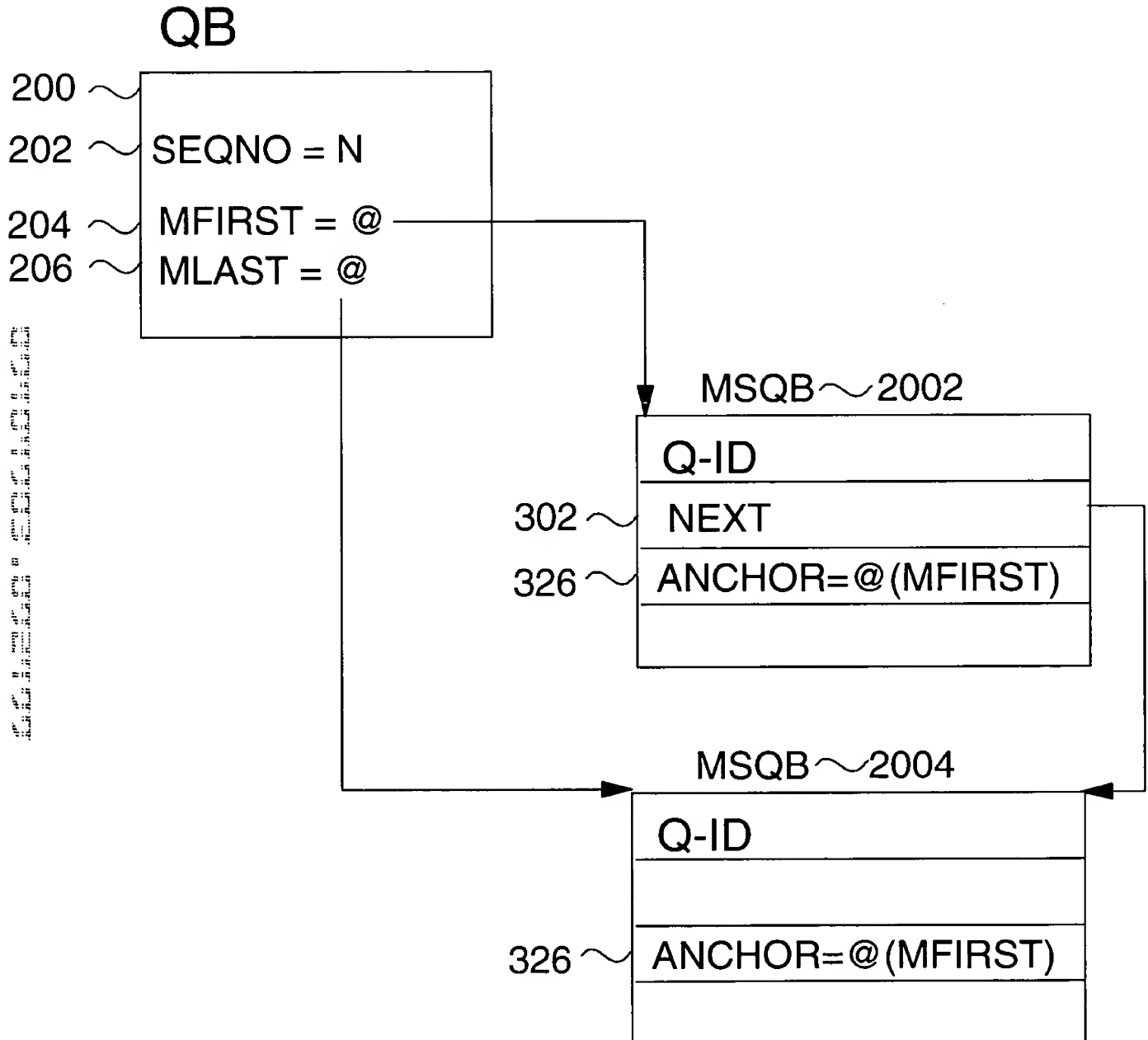


Fig 20A

PLO UNCHAIN FIRST ELEMENT - AFTER

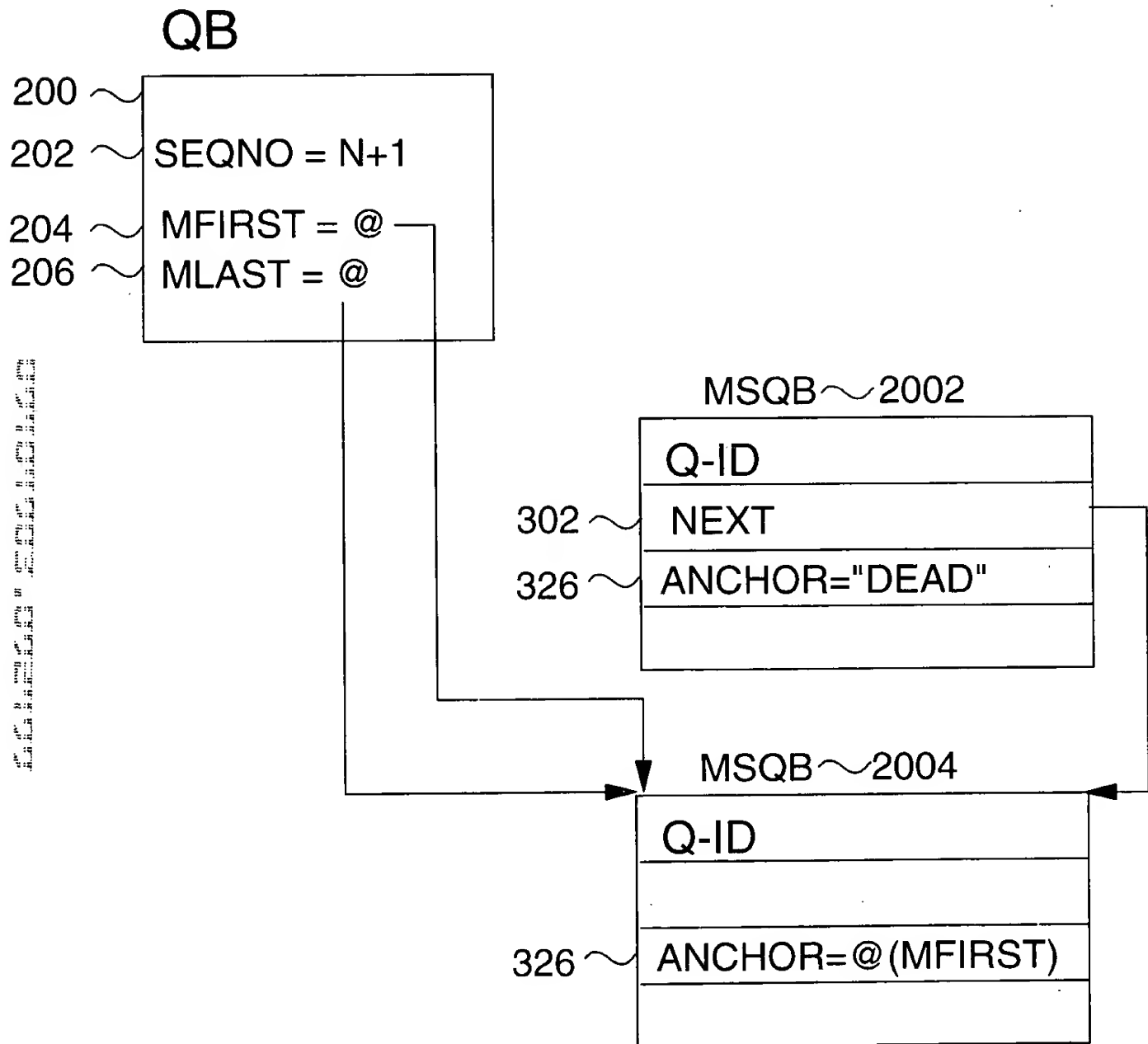


Fig 20B

PLO UNCHAIN LAST ELEMENT - BEFORE

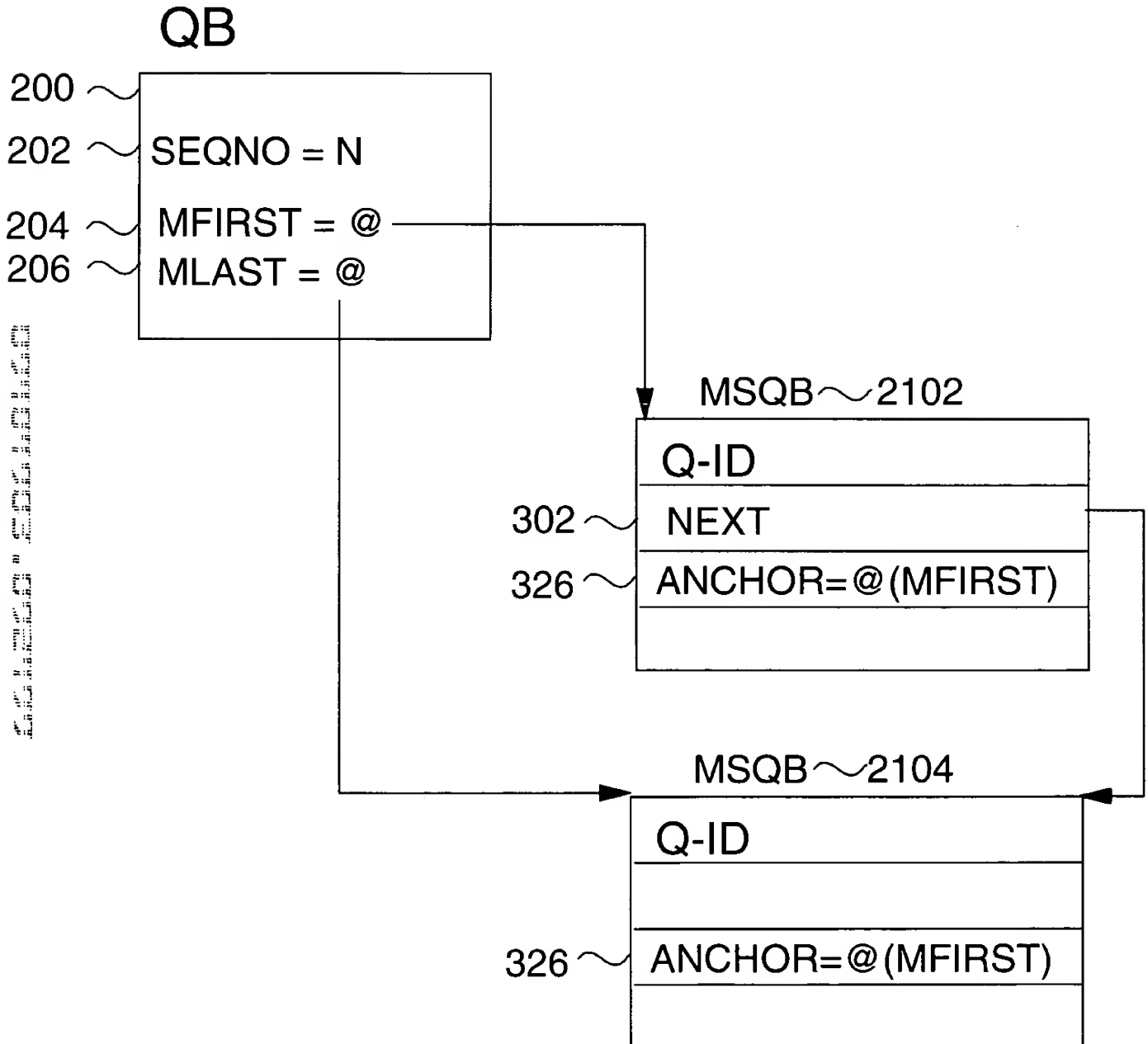


Fig 21A

PLO UNCHAIN LAST ELEMENT - AFTER

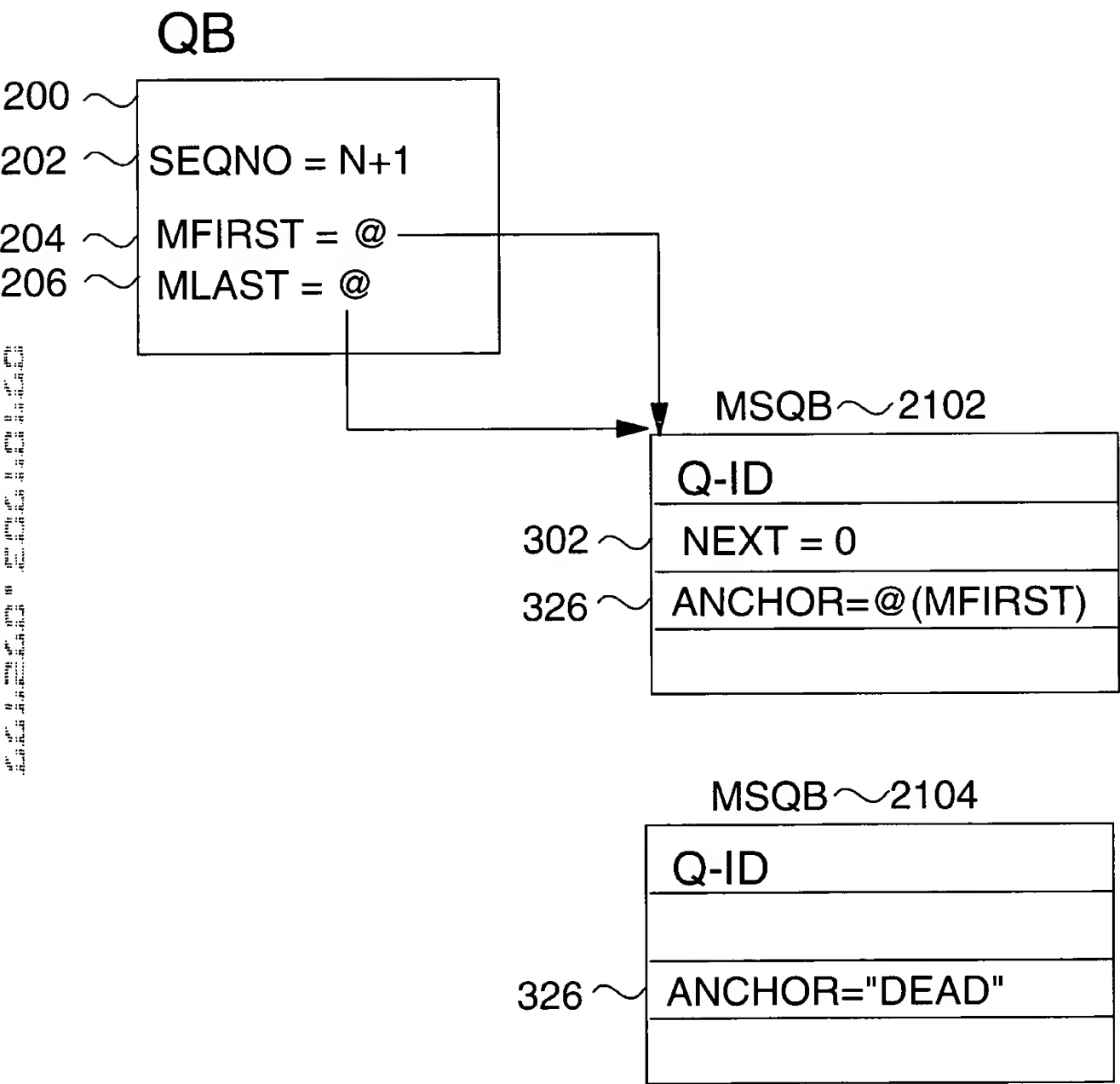


Fig 21B

PLO UNCHAIN MIDDLE ELEMENT - BEFORE

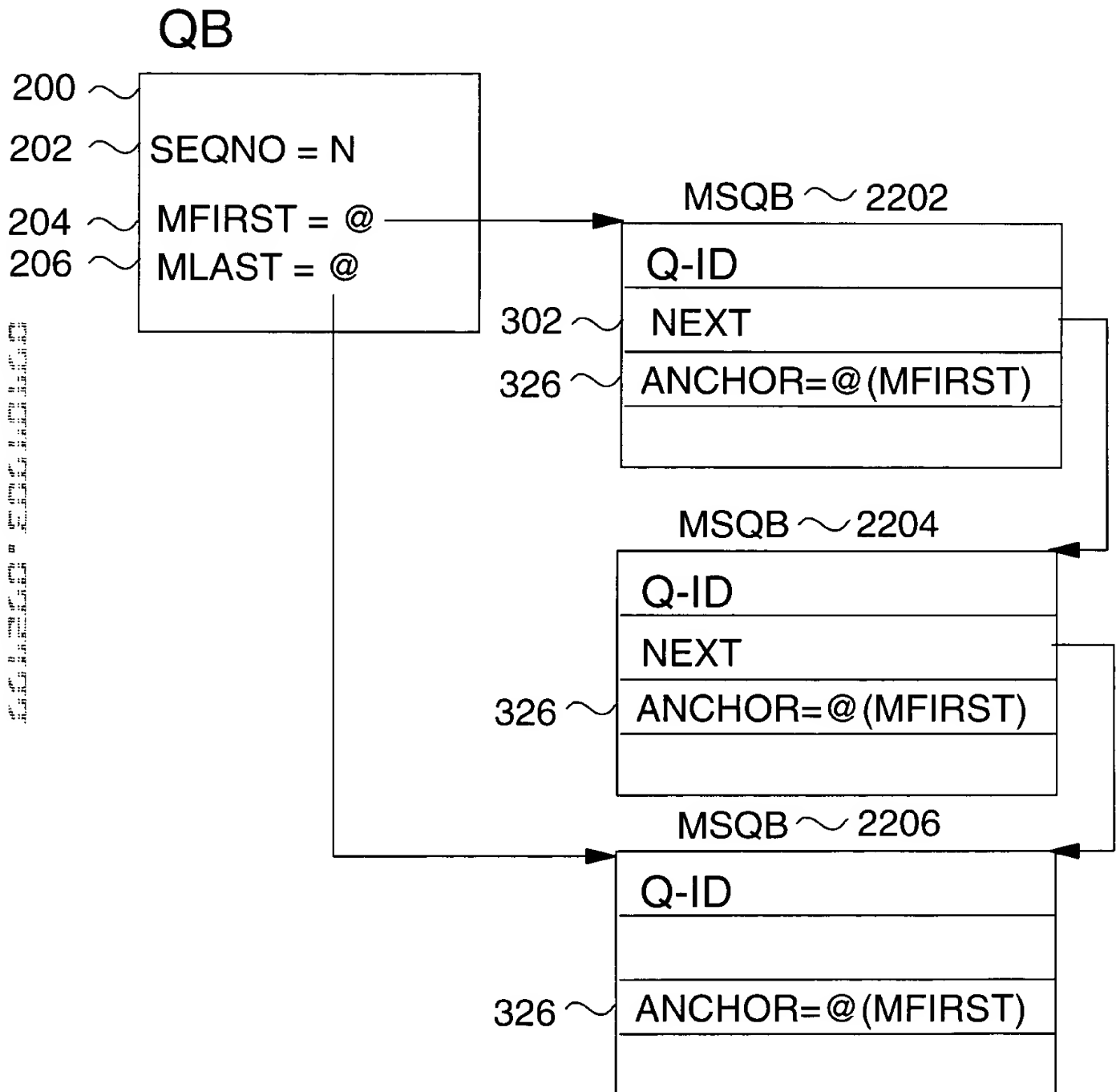


Fig 22A

PLO UNCHAIN MIDDLE ELEMENT - AFTER

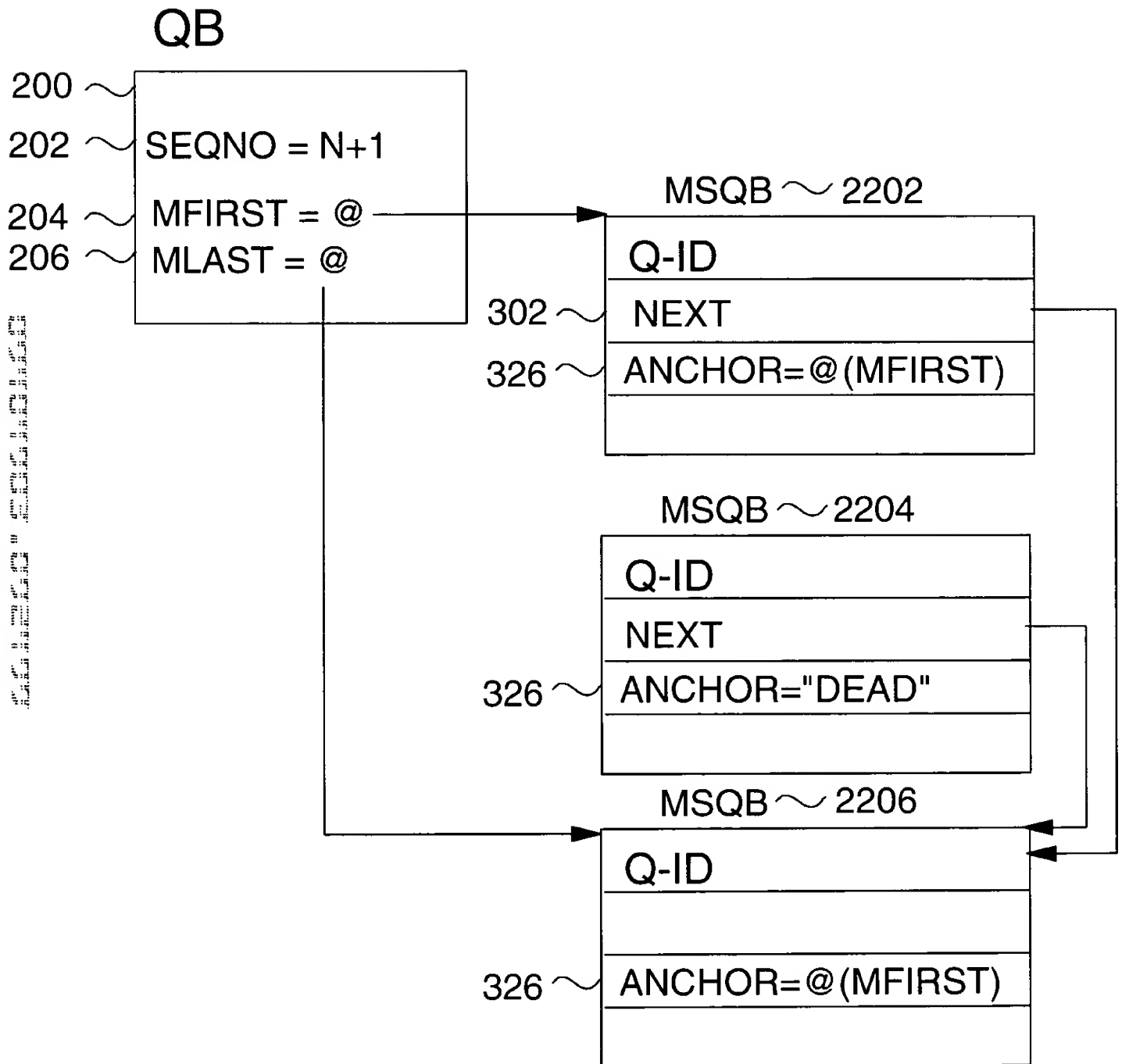


Fig 22B

PLO CHAIN DEAD ELEMENT - BEFORE

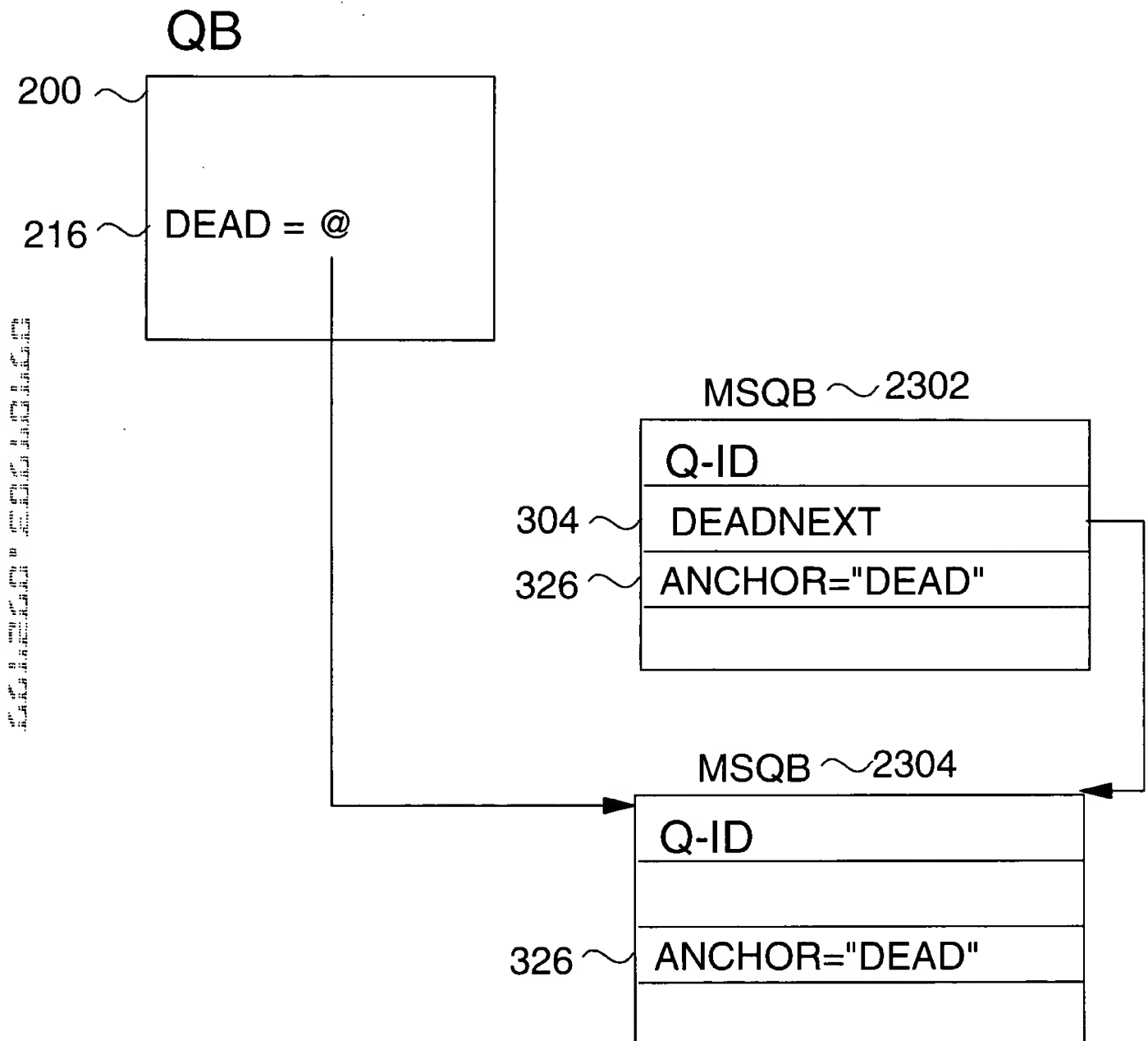


Fig 23A

PLO CHAIN DEAD ELEMENT - AFTER

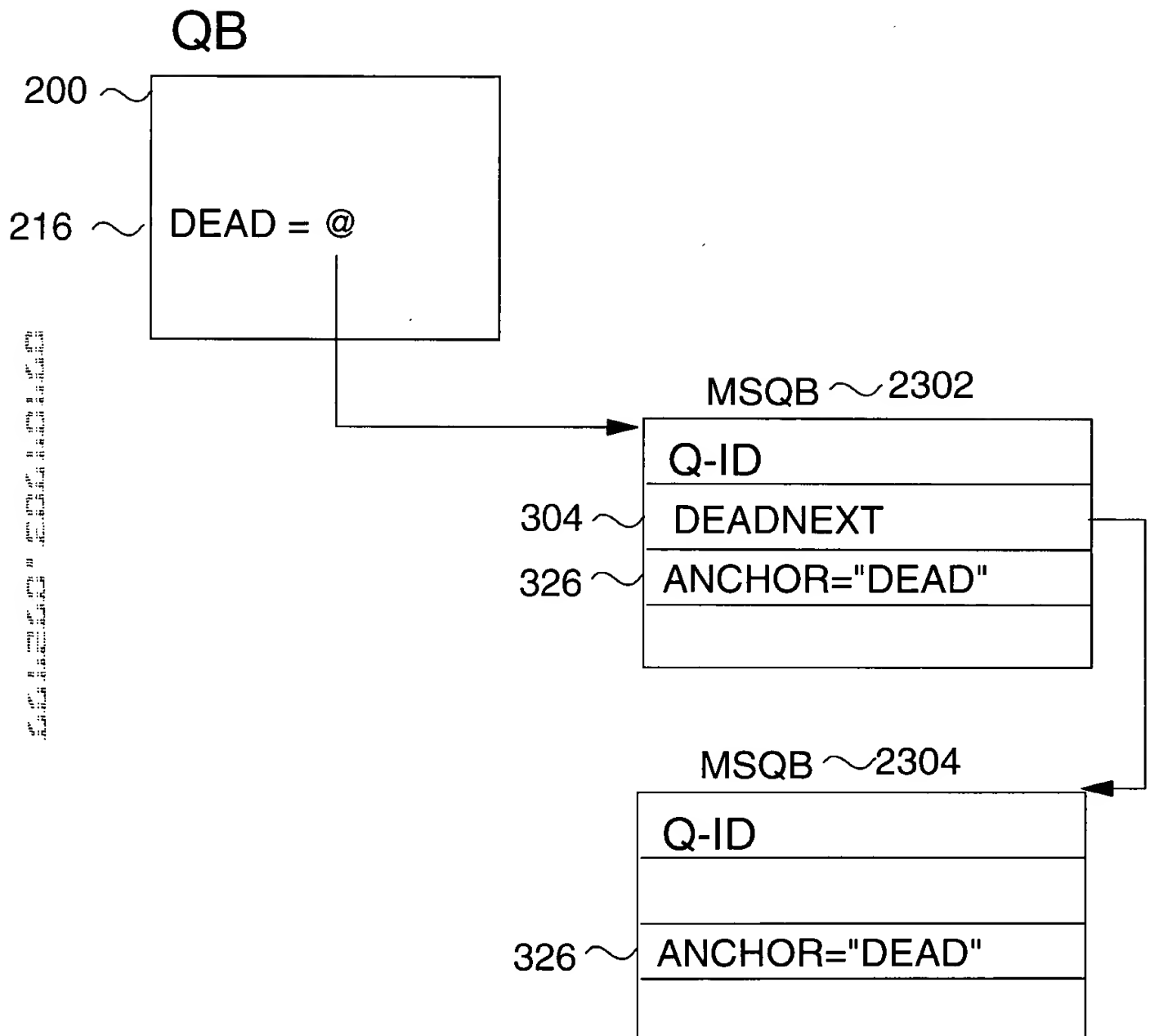


Fig 23B

MESSAGE QUEUE RECEIVE RECOVERY

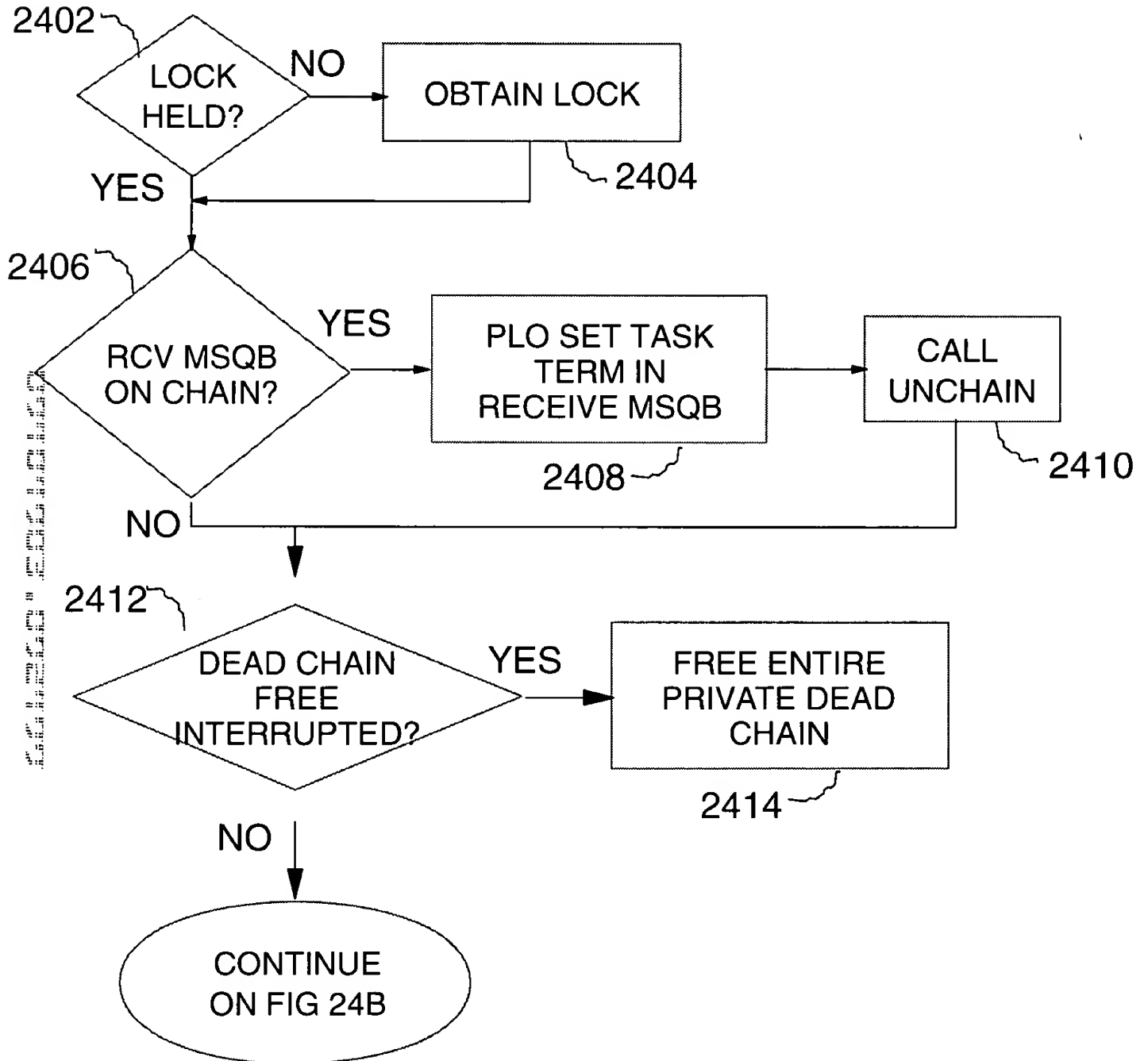


Fig 24A

MESSAGE QUEUE RECEIVE RECOVERY - CONT

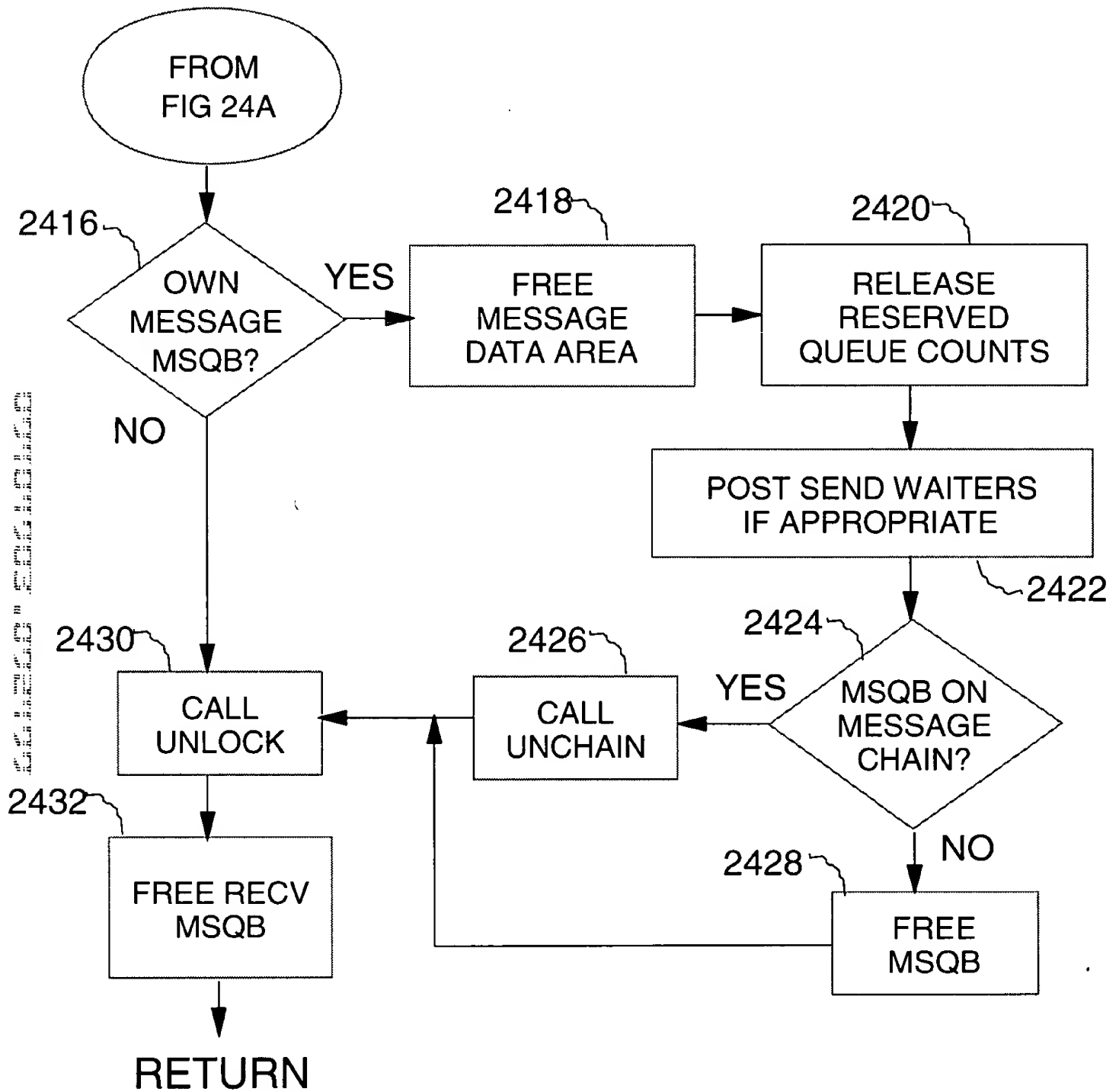


Fig 24B

MESSAGE QUEUE SEND RECOVERY

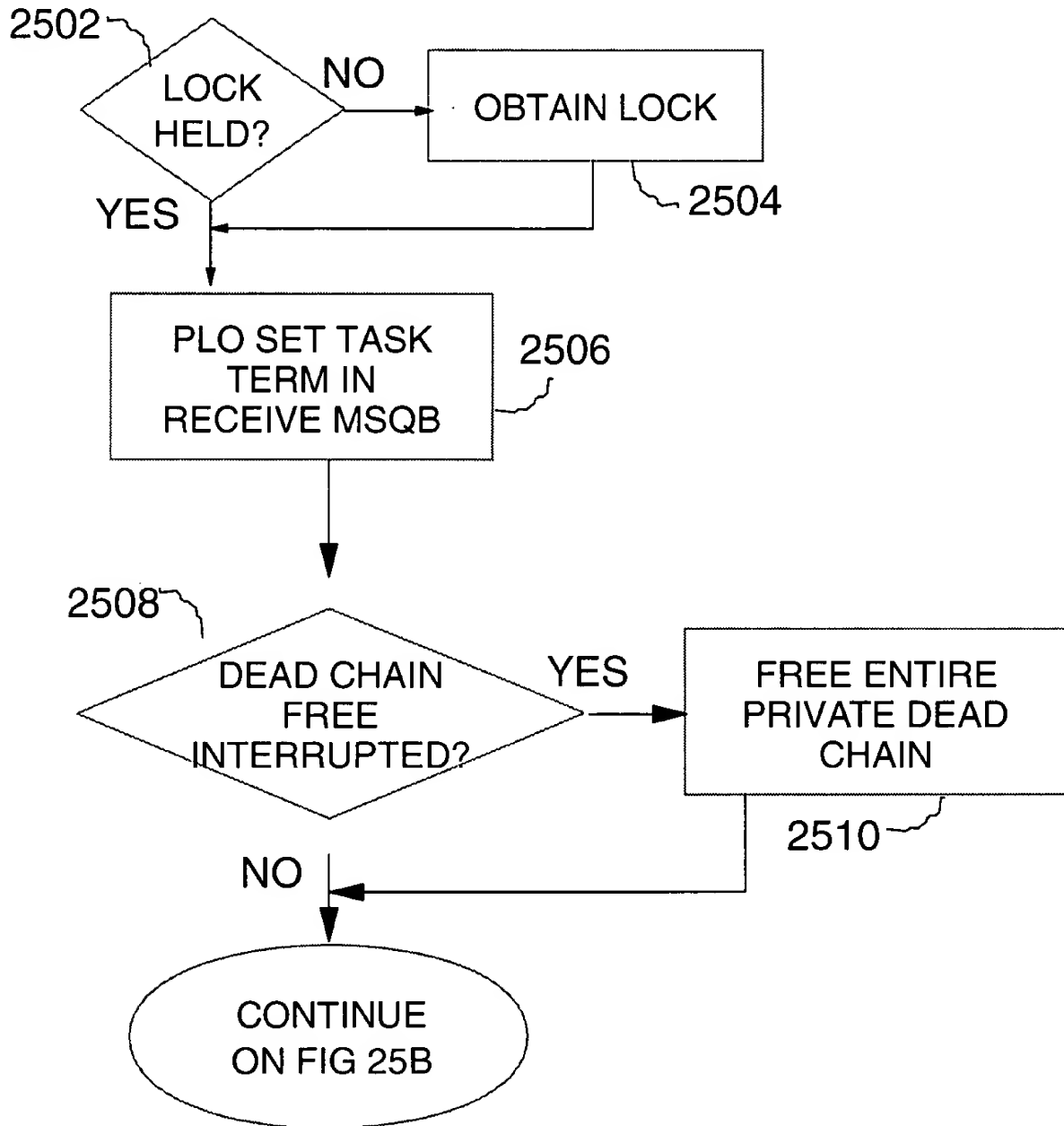


Fig 25A

MESSAGE QUEUE SEND RECOVERY - CONT

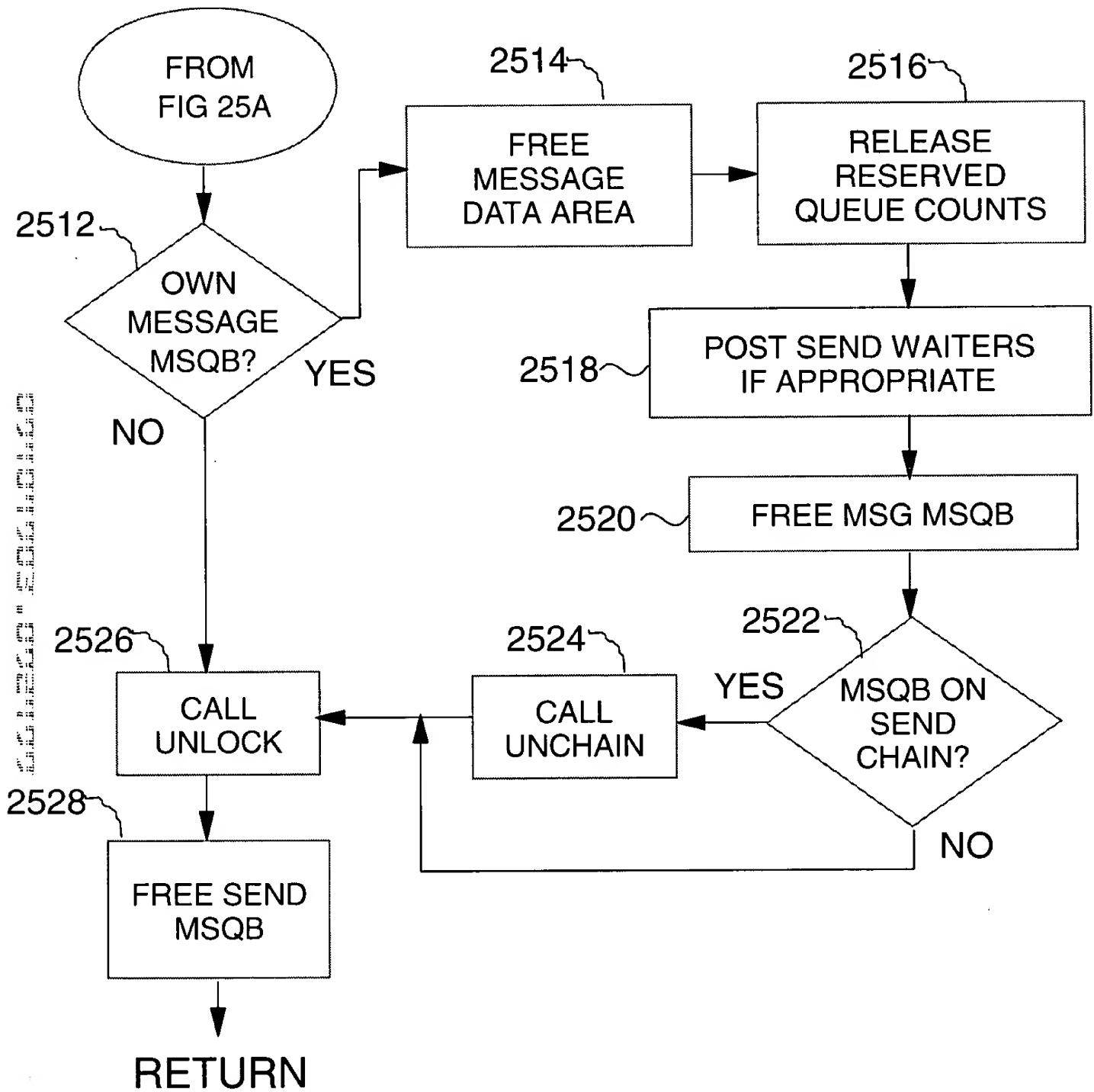


Fig 25B